

CHEMIST and DRUGGIST

OCTOBER 3, 1942

The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 2 6 9
CXXXVIII

OCTOBER 3, 1942

Annual Subscription (with
Diary) 25/- Single Copies 9d.

Haliborange

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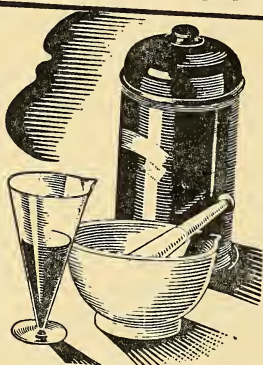
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EUTHYMOL

and the Pharmacist



Chemists perform a vital National service. They comprise a highly important part of the machinery for maintaining the nation's health: the medical profession unhesitatingly relies upon them to dispense prescriptions accurately. They are authorities on toilet preparations as well as drugs, and their opinion is always worth attention. For over forty years they have been recommending

Euthymol
TOOTH PASTE

The letters M.P.S. stand for "Member of the Pharmaceutical Society" and signify that the holder is a registered, qualified chemist. The important place occupied by the pharmacist in maintaining the health of the community is well known to him to do his duty. His services are recognized and appreciated by the community.

Advertisements such as these are now appearing in well-known periodicals. In view of the Memorandum to the Beveridge Committee, they should be helpful in stimulating a wider appreciation of the services that pharmacists are rendering to the community

Parke, Davis & Co.
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Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Liné



ONE SHILLING AND SIXPENCE PROFIT ON EVERY SALE

ELASTO Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. An 'Elasto' showcard displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for: Varicose Veins, Bad Leg, Piles, Hardened Arteries, Heart Troubles, Rheumatism, Bad Circulation, etc. A tablet Remedy, easy to handle and reliable.

★ **NEW REDUCED PRICES:**

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.
P.A.T.A.

SHOW CARDS STILL AVAILABLE FREE ON REQUEST

The NEW ERA TREATMENT CO. LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Winter epidemics

P.E.C.

Pond's new iodized inhalant is already in great demand

THE demand for P.E.C., Pond's new iodized inhalant, has increased steadily ever since it was introduced last autumn.

And now, with probable winter epidemics ahead, and the need for checking a cold or a touch of 'flu before it develops, you've got a market ready-made for P.E.C.!



RETAIL PRICE, 1/1¹/₂
Including Purchase Tax

In quantities of 3 doz. and
upwards—7/9 per doz., plus
1/6 Purchase Tax.

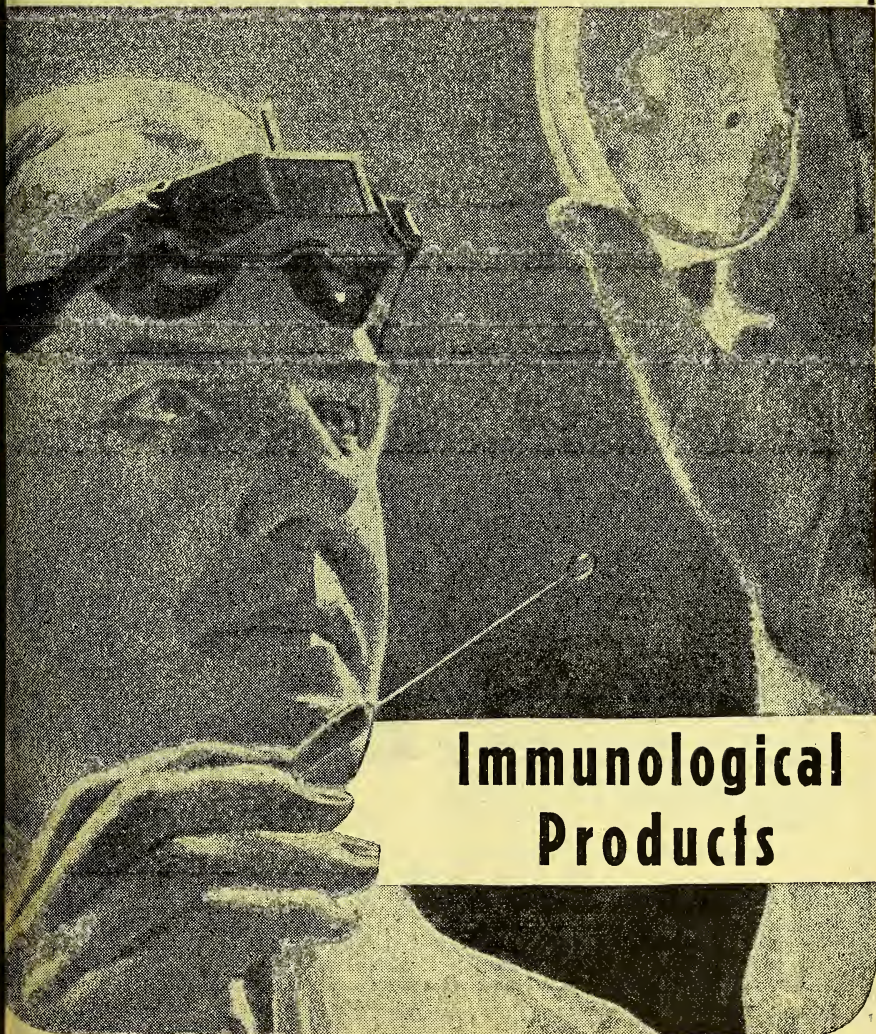
In quantities of less than
3 doz.—9/- per doz., plus
1/6 Purchase Tax.

SPECIAL OFFER. For an opening order we will supply a parcel of 1 dozen at 7/9 plus 1/6 Purchase Tax, carriage paid, cash with order.

An attractive showcard is available on request, for counter display.
Stock up now!

— POND'S EXTRACT CO. LTD., PERIVALE, GREENFORD, MIDD. —

THE
EVANS
BIOLOGICAL INSTITUTE



**Immunological
Products**

EVANS SONS LESCHER & WEBB LTD.

E.T.33

We suggest that you cut this out and keep it for reference

VITAMIN C THERAPY

A Guide for the Retail Chemist

DEVELOPMENTS in the field of vitamin research take place so fast that it is difficult indeed to keep up with them.

Summarized here are a few of the basic facts of Vitamin C therapy. Controversial matters are omitted.

- Vitamin C is not stored in the tissues and a daily intake is therefore necessary.
- The synthesized vitamin, ascorbic acid, is identical with the Vitamin C of fresh vegetables and fruit.
- Estimates of the daily intake necessary for full health vary from 25 milligrammes (500 Int. Units) to 75 mg. for adults. It is agreed that infants and young children need more in relation to their body weight, and that requirements are increased during pregnancy and lactation.
- It is impossible to do harm by taking an overdose of Vitamin C. Any surplus above the body's requirements is passed out in the urine.

'**REDOXON**' Brand (pure Vitamin C) tablets are now issued in three strengths :—

50 mg. 'Redoxon' tablets are usually prescribed by doctors or dentists for pregnant and nursing mothers, and for patients showing signs of Vitamin C deficiency. 20 tablets 2/-; 100 tablets 6/- retail.

N.B. The 25 mg. 'Redoxon' tablet referred to above is likely to be in heaviest demand because it is the strength featured in the advertisements appearing currently in *The Times*, *Daily Telegraph*, *News Chronicle*, *Evening Standard*

25 mg. 'Redoxon' tablets are the correct thing to advise for ordinary prophylactic use for adults and children. The usual supplementary dose may be one or two tablets daily. 50 tablets 2/3; 250 tablets 9/- retail.

5 mg. Babies' 'Redoxon' tablets are for infants, especially bottle-fed babies. The tablets can be easily powdered and added to the bottle feed or given in water. One to three tablets are advised for babies under 6 months; three to five tablets for babies of 6 to 12 months. 50 tablets 1/3; 500 tablets 6/6 retail.

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'REDOXON'
A Roche Product

C.F.

(London), *The Scotsman*, *Glasgow Herald*, *Radio Times*, and *Picture Post*.

Orders should be placed at once—through wholesalers for preference. Trade terms: 33½% discount. A striking show-card is available on application.

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ENVELOPES**
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BURNS AND GAS CASUALTIES*(A treatment with new advantages)*

1. BURNS. The method of treating burns by application of a paste containing Albucid soluble is described in the British Medical Journal of March 29, 1941. This method has certain definite advantages over both tannic acid treatment and saline baths.

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- (2) *The paste is soothing and promotes healing.*
- (3) *It reduces pain and œdema.*
- (4) *Infection is kept well under control.*
- (5) *Free movement is not restricted.*
- (6) *A clean and healthy granulating sur-*

face is obtained suitable for the reception of skin grafts if required.

2. MUSTARD GAS — Lesions of the Eye. The use of a 2.5% Albucid Solution and Albucid Ointment 2.5% has been recommended. The 2.5% solution may be prepared from 5 cc. ampoules of 30% solution (boxes of 5 ampoules).

Supplies of Albucid are assured, as like the other Schering products it is now manufactured and distributed in this country by an entirely British Organisation.

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'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio.

Widely advertised to
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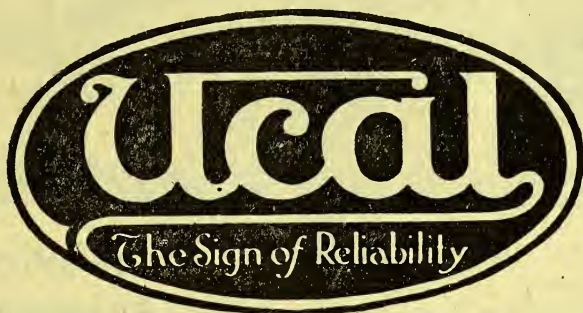
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KINGSWAY, W.C.2

Temple Bar 3629

TRADE & RETAIL PRICES

	Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including Pur. Tax
Box of 50 tablets	2/6	20/-	3/4	2/9½
Box of 120 tablets	4/9	38/-	6/4	5/3½
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The Name the
public associates
with Quality
after 32 years of
trial



UNITED CHEMISTS ASSOCIATION LIMITED
UCAL WORKS, CHELTENHAM



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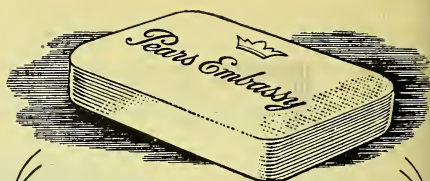
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Although Pears Transparent Soaps will be in very short supply, an excellent substitute is, fortunately, available. This is Pears Embassy. Embassy is not a transparent soap, but it is delightfully perfumed and freely lathering. The retail price is 6½d. per tablet (including tax).

Pears

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WANT RAZOR BLADES? *GET MULTISHAVES!*

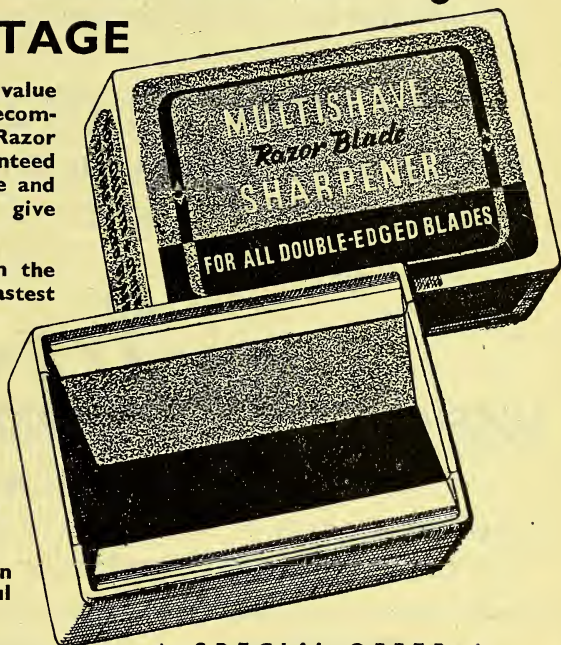
The Solution to the RAZOR BLADE SHORTAGE

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The sharpening agent used in the Multishave is the finest, fastest cutting abrasive known.

The bluntest blade, even if it has been stropped or rubbed on a tumbler until it is beyond hope, can be given a new edge in ten seconds with the Multishave.

There are no glass parts to the Multishave—no fear of breakage or accidents. It is ideal for travellers, particularly men in the Forces, and is a thoughtful gift.



★ SPECIAL OFFER ★

To create a large sale immediately for Multishaves in your district, to your advantage, in consideration of your order for 12 cartons each 3 doz. Multishave Safety Razor Blade Sharpeners

YOU GET FREE OF CHARGE

13 weekly advertisements in your local evening or weekly newspaper, mentioning your name only as Multishave stockists. This advertising sells many Multishaves for you.

Your customers must shave. If you are short of blades, sell Multishaves. You make fourpence-halfpenny profit on each Multishave outfit. Retail price 1/6, including purchase tax. Trade price 8/- per dozen, plus 5/4 purchase tax. Packed three dozen to a carton, complete with smart showcard.

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Despite all the difficulties of shortage of materials and package restrictions and transport delays, there is one thing on which you can rely.

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"ANGLIAN"

SURGICAL DRESSINGS & SANITARY TOWELS

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PURE ESSENTIAL OILS
WE WILL HELP YOU! **SAMPLES** and offers on request

Soluble, emulsified, for every purpose. Practical ingredients for the Food, Soft Drink and Confectionery Industry. Special efficient preservatives to prevent rancidity and oxidation. Technical advice for all wartime problems

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A Warden who was drafted into munitions told us that after two or three hours of unaccustomed standing, his feet hurt him so much that his work almost came to a standstill.

Unfortunately for war-production, his experience is all too common. Strenuous conditions of life and employment are putting a serious strain on the workers' feet—and output may, in time, suffer seriously if more attention isn't paid to the subject.

We, at Scholl's, are doing our level best to wake up the whole nation to the need for foot-care. In *The Times* and *Punch*, we are addressing special advertisements to doctors and public health bodies. In other national papers we are urging the public to have their feet regularly seen to by experts.

And we are succeeding! That's why we say to every enterprising chemist—now is the moment to step in and take up Foot Comfort work! Not only to sell Scholl Foot Aids over the counter—but to qualify yourself with the knowledge to fit Scholl Appliances.

It is a service that will add lustre to your business, be a help to the medical profession and materially assist the war.

Get in touch with us, and let us go into the whole subject.

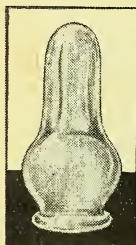
Scholl Manufacturing Co. Ltd., 182 - 204 St. John St. London, E.C.1

CG

IN THESE TIMES IT IS IMPOSSIBLE TO COPE WITH THE RESPONSE THAT ADVERTISING BRINGS.

THIS ANNOUNCEMENT, THEREFORE, IS TO LET YOU KNOW THAT WE ARE AT YOUR SERVICE TO THE HIGHEST DEGREE COMPATIBLE WITH THE SUPPLY SITUATION.

Cuxson, Gerrard & Co., Ltd.
Oldbury, Nr. Birmingham



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THREE YEARS IN
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"GRIP-TIGHT FEEDTEATS"
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without deterioration.

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Awarded the Certificate of the Royal
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LOTS **6/9** PER DOZ.

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with order, or usual trade
references. Satisfaction guaran-
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Opposite the New Aldgate East Station



*We can
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Many of our activities are concerned with furnishing the needs of government contracting departments, and we are also endeavouring to fulfil export orders to help to import the essential commodities from abroad, so aiding the war effort.

If, therefore, we are compelled to accept less business than is offered to us, customers will realise that this is in accordance with the policy directed to the best possible furtherance of the national effort.

Beatson, Clark & Co. Ltd.

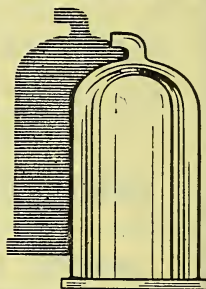
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We are now in a position to supply the well-known
GLASS DOUGH LINING
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THESE LININGS ARE MADE BY HAND AND ARE OF ROBUST CONSTRUCTION WITH A WELTED EDGE TO MINIMISE BREAKAGE IN HANDLING... WE CAN SUPPLY FROM EXISTING MOULDS IN THE FOLLOWING SIZES:
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Heals :

CUTS, BURNS, SCALDS
SCRATCHES, INFLAMMATION

In Jars, retailing at 1/-

(Including Purchase Tax)



MEDICINAL

(Suitable for Tablets)

CHLOROPHYLL

TECHNICAL QUALITIES

(Soluble in Oil, Spirit and Water)

We were the original producers of Chlorophyll in this country, and in recent years considerable research has been undertaken. It is now possible to offer Chlorophyll conforming to recognised standards and in all grades to suit the requirements of customers

WILLIAM RANSOM & SON, LTD.

Manufacturing Chemists, HITCHIN, Herts

ESTABLISHED 1846

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CHEMIST...



IN our press advertisements we advise women to ask their chemist for a copy of "Hygiene for Women," by Nurse Drew.

50,000 direct applications prove women are vitally interested in feminine hygiene.

If you have not a good supply of these popular booklets for counter display then you are not getting your share of the ever-growing demand for the various Rendells Products.

Why not write us today for a supply of Booklets and our latest Chemist Display Aid?

Rendells
PRODUCTS

3

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ACETANILIDE
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Crystals and Carbonate

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1/10 (Including
Purchase Tax)

EACH PACKED IN A
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FOR USE.

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BY MAKING ONE SAFETY-RAZOR BLADE
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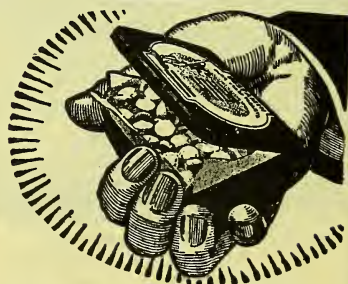
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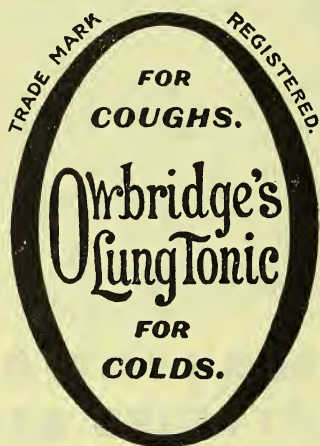
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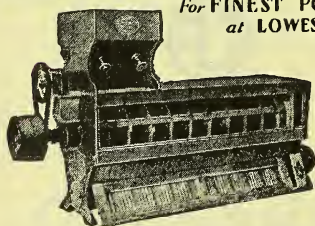
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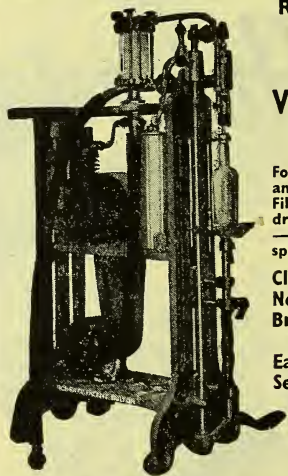


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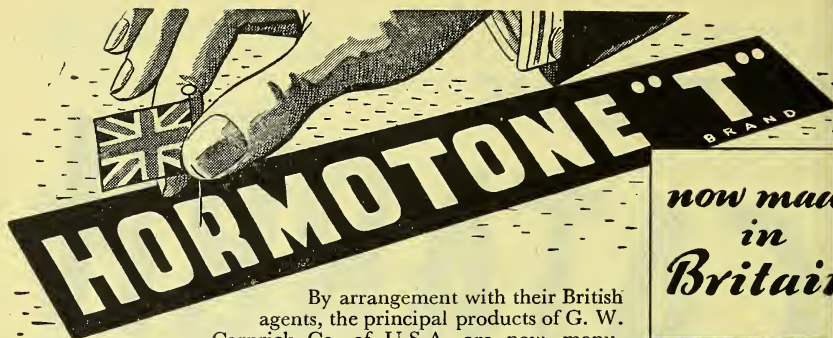
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NEWS OF THE WEEK

Winter Closing Hour for Shops.—The Post Office has announced that the Defence Regulation imposing a 6 p.m. shopping hour throughout the country during winter will be in force from November 1 to March 6, except on the "late night," when the hour will be 7.30 p.m. Between November 1 and January 23 shops in the central London area will close at 4 p.m.

Export Control Extension.—Under a new Trade Order dated September 21 licences are required to export products containing casein or casein derivatives, other than medicinal preparations and gums; dextrin and starch; gelatin; resins, resins and lacs; lecithin and mixtures of lecithin with oil or fat; locust-bean-kernel gum; lubricating and greasing compositions, oils, fats and greases; oleaginous seeds; olein; soaps and soap emulsions; stearin; vitamins and vitamin-containing preparations; emulsions and extracts of cod or halibut liver or vitaminized oils; waxes; papain; and magnesium stearate. The full list is given in a schedule

to the Order, which is entitled the Export of Goods (Control) (No. 39) Order, 1942 (S. R. & O., 1942, No. 1907). The Order comes into force on October 12.

Paper Salvage Prizes.—The leading competitors have been announced in the Waste Paper Recovery Association's summer waste paper contest (see *C. & D.* May 9, p. 520). The City of London, which agreed beforehand to enter the contest as pacemaker but not to benefit from any prize money, again achieved first place. Over 200,000 tons of waste paper was collected during the period of the contest and of 1,773 possible entrants 1,292 (80 per cent.) actually entered. Over 50 per cent. of the total paper resulting from the contest was collected by merchants. The judges in the contest were Sir Vyvyan Board (chairman, Salvage & Recovery Board), Miss Megan Lloyd George, M.P., and Mr. Sidney T. Garland (general manager, Waste Paper Recovery Association). The leaders were: Corporation of London, 430 tons per 1,000 population; Desborough, 55 tons.

Crosby Pharmacists' Association.—At the annual general meeting of the Crosby Pharmacists' Association, held on September 24, the following officers were elected: *President*, Mr. A. H. Pattison; *Vice-president*, Mr. L. Walker; *Treasurer*, Mrs. Wilkinson; *Secretary*, Mr. Fred Fleetwood, 177 College Road, Crosby.

Veterinary Educational Trust.—The formation of a Veterinary Educational Trust has been announced by the National Veterinary Medical Association. The object of the Trust will be to provide better facilities for educating veterinary surgeons. It aims at raising a minimum sum of £1,000,000, and it is understood that the Trust commences free of all embarrassments concerning initial expenses.

Inquest.—At Swindon, on September 23, an inquiry was held into the circumstances attending the death of an eleven-years-old boy in St. Margaret's Hospital, Stratton. It was stated that a hospital sister misread a doctor's instructions and gave the child two ounces of paraldehyde instead of two drachms. A "misadventure" verdict was recorded.

Industrial Dermatitis.—A cautionary notice on dermatitis has recently been issued by the Ministry of Labour and National Service giving details of the cause and prevention of the skin conditions met with in munition and chemical factories. The method of prevention recommended is the use of barrier creams and powders. Copies of the notice (Form 367) are obtainable from H.M. Stationery Office, price 1d.

Address on Hospital Pharmacy.—The Chesterfield Branch of the Pharmaceutical Society held its annual meeting recently, when Mr. W. Swallow (pharmacist to the Royal Hospital) gave an address upon the work of a hospital pharmacist. A general discussion followed upon the work pharmacists are doing in maintaining the health services of the country, and on future possibilities in this direction. Mr. Frank Sims was elected *Treasurer*, and Mr. F. Elliott *Chairman*.

Tube Salvage.—In a recent fortnight there were delivered to the smelters under the national campaign for the recovery of used metal tooth-paste, shaving-cream and similar tubes no less than one hundred sacks of recovered metal—representing approximately 200,000 tubes—and the rate of collection is steadily mounting. Some chemists are asking for the return of an old tube whenever a new one is bought.

The Ministry of Information, helped by the trade, recently produced a short trailer film bringing home graphically to the public the value of the campaign, and the film has been showing at cinemas during September. A new window bill has been issued by the Dentifrice Manufacturers' Section of the London Chamber of Commerce and is being distributed to retailers by manufacturers' representatives making their rounds. Copies may be obtained through any tooth-paste manufacturer, or from the secretary of the Section, 69 Cannon Street, London, E.C.4.

Pharmacy at the Cross Roads.—The North Metropolitan Branch of the Pharmaceutical Society held a meeting on September 24, at which a talk was given by Mr. J. Ross-Mansell, B.Sc., on "Pharmacy at the Cross Roads." The speaker reviewed the contribution pharmacy is making to the war effort, and suggested a post-war pharmaceutical policy. Special consideration for exemption, he thought, should be shown to the proprietor-pharmacist, and small businesses should not be closed down unless absolutely necessary. Exempted pharmacists might make a better contribution to the war effort by taking up training in first-aid, etc., preferably in a corps of their own creation, and by placing their services at the disposal of the civil defence authorities. To avoid further depletion of hospital staffs it had become necessary to create a national basic minimum wage for all pharmacists, irrespective of their work and the Guild of Public Pharmacists' scale was, in his opinion, inadequate. In the post-war period a State medical service of one kind or another was inevitable, and pharmacists must be prepared to play their full part, giving to the State the same unselfish and devoted service that was expected of every citizen during these difficult days. In the discussion Messrs SPENCER and DAVIES said they would not oppose a State medical service covering pharmacy provided adequate recompenses were paid by the State for their businesses and that as civil servants they received a salary commensurate with those paid for other professional services. MR. HAYLOCK did not think that the days of the small man were numbered, though if he were to survive a greater interdependence between chemists was necessary. MR. HEARLE believed that change would come about by evolution and not, he hoped, by revolution. MR. BOOTH had no fears for the future of pharmacy, which would progress along evolutionary democratic lines.

Belfast Drug Wages.—The National Arbitration Tribunal (Northern Ireland) has awarded increases to men employed by drug wholesalers in Belfast. Men of twenty years and over are awarded an increase of 7s. weekly, with a guaranteed minimum of £3; journeymen of twenty-three years and over are to have £3 3s. weekly; youths up to twenty years of age are to have increases averaging 3s. weekly.

Control of Narcotics.—The meetings in connexion with the international control of narcotics have recently been held in London under the International Conventions concluded in 1925 and 1931. The permanent Central Opium Board, which exercises, under the auspices of the League of Nations, the supervision over the manufacture of, and trade in, opium and other dangerous drugs in all parts of the world, has just held its forty-first session. It was attended by Sir Atul Chatterjee (resident), India, Mr. Herbert L. May (vice-president), United States of America, Mr. Malcolm Delevingne, United Kingdom, Mr. J. H. Delgorge, The Netherlands, and Mr. George Woo, China. The Board carefully scrutinised the world position as it appears from the statistical reports sent in for the year 1941 by fifty sovereign States and some sixty-six dependencies and colonies and other territories. It also considered certain questions of policy and solutions of problems arising from the special circumstances of the war. Under the terms of the Conventions, the Board's report on its work is being sent to the Secretary-General of the League of Nations. The other international organisation operating under the Conventions, i.e., the Supervisory Body, has the task of examining annual estimates sent by Governments of their drug requirements and members of the Body met for consultations to consider questions arising on the estimates for 1943 and issuing the Supervisory Body's annual statement on world requirements of narcotic drugs for that year.

Irish Drug Association.—A summary of committee meetings of the Irish Drug Association held between June and September 18 has just been issued. On the proposal of the president (Mr. F. X. Meagher), seconded by Mr. L. G. Smith, a vote of sympathy was passed on the death of Mr. P. Liston, Limerick, for many years a member of the committee. A report of the Irish Union of Distributive Workers and Clerks, dealing with complaints against chemists in the Greater Dublin area who were not observing the agreed hours of

opening and closing, was considered and deferred. The principal suppliers and manufacturers of proprietary preparations were again circularised in a further effort to have sales confined to qualified chemists and registered druggists, particularly where items were in short supply. The replies to date indicated that most firms were prepared to co-operate with the Association. Reports of special meetings held in the Department of Industry and Commerce in connexion with salvage of essential waste were discussed. Members were urged to make every effort to save paper, empty tubes, etc. Mr. Meagher, with Messrs. L. G. Smith, A. J. Donnell, P. A. Brady, and B. Smith, were nominated by the committee to act on the masters' panel of the advisory tribunal to be established by the Minister for Industry and Commerce in connexion with wage increase applications. Messages of congratulation were directed to be sent to Messrs. J. F. Costello, Mayor of Galway, P. A. Brady, Dublin, and M. J. O'Rourke, Dun Laoghaire, all members of the I.D.A., on their recent successes in the local elections. Members were reminded that the drug prices in the list were minimum prices, and that, where wholesalers' charges justified a retail price in excess of the list prices, members were at liberty to make increases. The committee emphasised that great care should be taken when calculating the cost of prescriptions, as lately several instances had been noted in which prescriptions had been dispensed at uneconomic prices.

COMING EVENTS

Tuesday, October 6

BRIGHTON AND HOVE ASSOCIATION OF PHARMACY, Union Church Institute Hall, Queen Square, Brighton, at 8 p.m. Mr. G. A. Mallinson (secretary, N.P.U.) on "Pharmacy in the War and Post-war."

Sunday, October 11

LIVERPOOL BRANCH, CATHOLIC PHARMACEUTICAL GUILD, Cathedral Buildings, Brownlow Hill, at 3 p.m. Rev. Fr. Whitaker, S.J., M.C., F.R.C.P.E., on "Ethics in Pharmacy."

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

TOPICAL REFLECTIONS

Authorised Alternatives

The fact that the arrangements in force in England and Wales for the use of alternative substances in dispensing National Health Insurance prescriptions differ from the corresponding arrangements in Scotland (p. 310) suggests a comment on the position of dispensing chemists in relation to the medicaments they handle. We need look no further than the British Pharmacopœia, with its five Addenda, for illustrations of the difficulties arising from these permitted variations. In many, possibly in most, cases a perceptible change in the appearance of a medicine results from the use of a substitute, however unimportant the change may be from the prescriber's standpoint: then begins the tedious undertaking of persuading the customer that all is well. Everyone agrees that supplies of important drugs must be conserved and that the claims of the Forces upon them must have priority; but the uncertainty caused by the knowledge that at a given moment some pharmacists are dispensing prescriptions as originally written but others are translating them into terms of emergency stocks is perplexing. Some of the recent decisions of the Pharmacopœia Commission have an appearance of needless elaboration. Its treatment of unguentum hydrargyri is a case in point. Having sanctioned in the Third Addendum the optional use of "a suitable quantity" of white beeswax, it proceeded in the Fourth Addendum, issued a few months later, to publish the original formula of the 1932 Pharmacopœia *de novo*, plus the beeswax concession, the only important change being the dropping of the synonym "mercury ointment." Surely this change could have been announced more briefly and directly. In practice, a dispenser almost needs to consult these Addenda and the Second Supplement to the Codex before reading a new prescription.

Nutrition and Deficiency

The report on p. 325 of a meeting of the Nutrition Society (Scottish group) calls renewed attention to research that is being undertaken both in nutrition and in diseases arising from or incident to malnutrition. Several letters have lately appeared in "The Times" on this subject. Lord Dawson of Penn is strongly of opinion that the Medical Research Council is sufficiently equipped to carry out the necessary work of co-ordination and extension of

scope; on the other hand, Sir Norman Bennett and Mr. A. L. Bacharach contend, from different points of view, that the problems involved are too numerous for the Council to grapple with unaided. This is manifestly too large a subject to be adequately discussed within the limits of a paragraph. In view, however, of the relatively small income at the disposal of the Council and of the increasing specialisation in every science, I venture to suggest that a more representative body should be formed. In such a body, the medical profession would necessarily form a prominent element; and in any case its scientific cast should not be diluted with well-meaning cranks of amateur status. A compact team of practising experts is the ideal. To the possible objection that practising experts are very busy people, I reply that the benefit of a change of work has passed into a proverb.

Accidents in the Pharmacy

Mr. S. Hubert Blore is to be congratulated on a fortunate escape from serious damage to his stock and premises (p. 334). With our modern respect for striking scientific experiments obtained with the help of costly apparatus we have tended to ignore less impressive but in their way powerful effects derived from humbler objects. "A Popular Dictionary of Facts and Knowledge," dated 1827, compiled by S. Barrow, describes burning-glasses as having been constructed of sufficient power "to melt the most refractory metals, and disperse them and other substances into gas, often in a few seconds." The illustration accompanying the description shows a glass of this kind, mounted on a tripod, and a heap of some unnamed substance on the ground being fired by rays passing through the lens. The kind of accident graphically described by your correspondent is far less common than the kind that better knowledge or greater thought would have prevented. Many of us have witnessed blazes due to the unskilful handling of phosphorus, oil of turpentine and other inflammable substances. An instance that recurs to memory is an attempt to recover ether by distillation after defatting a few ounces of strophanthus seeds. A pharmaceutical chemist of my acquaintance attempted one day to melt a lump of lead in a platinum capsule. The result need not be specified. **Xrayser**

LEGAL REPORTS

Unlawful Sale of Poison.—Summoned at Rugby, on September 15, for selling nicotine contained in a preparation to an unauthorised person, for failing to keep a record of the sale, and for delivering the poison without having obtained the necessary signature for it, Rugby Co-operative Society were fined 10s. 6d. in each case. For the defence it was said that both qualified chemists, as well as the experienced assistants at the shop, had been called up, and the defendants were left with assistants whom the manager was having to train. He had to carry on as well as he could.

Quota Oversold.—At Manchester, on September 16, Alfred William Hayes, Mosson Lane, trading as Northern Hairdressers' supplies, was fined a total of £800 for supplying toilet preparations in excess of £41 per month without being registered under the Limitation of Supplies Order. Mr. C. O. Lockin, for the Board of Trade, said that Hayes and a man named Fitzpatrick (now in the forces) had been employed by a firm engaged in the manufacture of toilet preparations. When the firm lost its property and records in an air raid, the two men asked if they could take over the quota and started in their own account in February, 1941. Though they made repeated application, however, registration was not granted.

Limitation of Supplies Prosecution.—Illegal dealings reaching thousands of pounds were alleged in a prosecution at Bolton, on September 24, against John Hulme, Woolfa Stores, Astley Street, Bolton. For the Board of Trade it was stated that defendant's name was removed from the Home Trade Register in respect of perfumery and toilet preparations, yet from June 1, 1941, to November 30, 1941, he acquired controlled goods without notifying the merchants of such removal. Other summonses alleged supply of controlled goods exceeding 25 per cent. of the quantity supplied during the standard period (December 1, 1939, to May 31, 1940); furnishing information he knew to be false; and making a false statement. In March, 1940, defendant submitted a return showing £32,000 of all classes of controlled goods supplied by him in the standard period, but the auditor's certificate was not attached. Following investigations, defendant was on May 25 prohibited until May 31 from supplying controlled goods to unregistered persons except by licence. As a result of defendant's unsatisfactory return

the Board subsequently informed him his name had been removed from the Home Trade Register. It was alleged defendant told the Board he had destroyed his records in January 1941. When an inspector called on him on January 6, defendant would not divulge the identity of suppliers and customers relating to his trade in controlled goods. A return, however, showed the value of controlled goods in class 16, supplied to Hulme after June 1, 1941 (when his removal from the Register became operative) to be £12,301, £10,199 being delivered to retailers on defendant's instructions, and the remaining £2,102 direct to defendant. The case was adjourned.

Emergency Ration Tablets.—Evidence of practical tests with emergency ration tablets claimed to replace food and drink for four days was given at Bow Street Police Court, London, on September 23, during the hearing of adjourned summonses against Allied Laboratories, Ltd., New Bond Street, W. (see *C. & D.*, September 19, p. 290). The company was accused of publishing a misleading advertisement and giving a false warranty in respect of a food tablet called Etagone.

For the defence, Lieutenant-Colonel Wilkins (of Arthur H. Cox & Co., Ltd., manufacturing chemists, Brighton, makers of the tablets) said that in June 1938 he lived on the tablets for three and a half days with perfectly satisfactory results. Another witness said she made a practical test with the tablets over a period of four days and thought they were marvellous. On the second day she felt she would like a drink, but there was no craving, either then or at the end of the test. Mr. Nicholas Faddi, doctor of laws, said that after taking only Etagone tablets for four days he lost three or four pounds in weight. Next day he gave a blood transfusion without any ill effects. Other witnesses gave evidence to the same effect. Mr. Evan Alan Stewart, D.Sc., public analyst for Islington and Paddington, said the tablets were a laudable effort to sustain people with emergency rations in certain conditions. The warranty and advertisements were substantially correct in their claims. Mr. Hubert Alfred Cleary, chief chemist to Arthur H. Cox & Co., Ltd., manufacturing chemists, said the tablets were manufactured by them for a Dr. Heitz, after first satisfying themselves that the claims were justified. The hearing was adjourned.

HEATING AND LIGHTING RESTRICTIONS

THE first three general directions under the Control of Fuel Order have been issued by the Minister of Fuel and Power, and are entitled respectively General Directions (Central Heating and Hot Water Plants) Nos. 1 and 2 (S. R. and O., 1928, 1929), and General Direction (Standard of Lighting) No. 1 (S. R. and O., 1930).

Heating.—The directions came into operation on October 1 and provide as follows: No fuel is to be consumed in any central heating plant for any controlled premises until after October 31, except under permit from the Minister or the Regional Controller of Fuel and Power for the area concerned; when the same central plant is used both for heating and for providing hot water for use, the foregoing prohibition is relaxed to the extent necessary for the provision of the hot water only; from October 1, there is a general prohibition of the starting-up or replenishing of central heating or hot water plants, except under permit, between 9.30 p.m. and 6 a.m., but the prohibition does not apply to office premises where the great majority of the indoor staff are on duty at night. "Controlled premises" do not include premises used wholly or mainly for industrial purposes, nor hospitals or similar institutions. All other premises are affected, including blocks of flats and private houses containing more than ten furnished rooms. Permits for relaxation of the provisions may be granted generally or in respect of individual premises or classes of premises. It is the intention of the Ministry to allow central heating plants to be started up, on meteorological advice, at earlier dates in the colder parts of the country.

Lighting.—The third General Direction, which also came into operation on October 1, prescribes maximum standards for the interior lighting of shops, etc. For sale rooms the prescribed maximum is $1\frac{1}{2}$ watt per sq. ft. of the area illuminated. Rooms of shops (excluding workrooms) have a maximum allowance of 1 watt per sq. ft. On and after October 1, gas may not be used for illumination, except under permit, in any building or structure used as a shop, otherwise than by means of mantles as specified (see table below). The permitted illumination is in respect of the area actually illuminated, i.e. the aggregate floor area, or, in a shop, the number of sq. ft. specified in the third column of the

schedule for the illuminant specified in the first column.

Mantle	Sq. ft.	Sq. ft.
Bijou	30	40
No. 2 cluster ..	45	60
Medium	45	60
Universal	75	100

Copies of the Directions may be obtained from H.M. Stationery Office, price one penny each.

COMPANY NEWS

JOHN JAMIESON (GLASGOW), LTD. (P.C.).—Capital £3,000. Scientific instrument makers and laboratory furnishers, etc. John Jamieson, 100 Cowcaddens Street, Glasgow, first director.

WOOD & WATSON, LTD. (P.C.).—Capital £20,000. To acquire the business of mineral water manufacturers and bottlers carried on as: Wood & Watson at 132 Gilesgate, Durham. W. Wood and H. S. Wood, directors.

WARINGS MELALBRO, LTD. (P.C.).—Capital £500. Chemists' sundriesmen, chemical engineers, makers of chemical plant and materials, etc. Benjamin Ladd, M.P.S., first director. R.O.: 61 Paget Street, Cardiff.

PEERLESS CHEMICAL LABORATORIES, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in chemicals, drugs, disinfectants, perfumes, etc. Harry Morser, first director. R.O.: 40-42 Oxford Street, London, W.1.

SENTINEL PRODUCTS, LTD. (P.C.).—Capital £500. Manufacturers of and dealers in chemicals, drugs, toilet requisites, etc. Lionel Presman and Sarah Rubens, directors. R.O.: 1 Bristol House, Southampton Row, London, W.C.1.

JOHN BENSON (BRUSHES), LTD. (P.C.).—Capital £3,000. Manufacturers of and dealers in industrial, domestic, toilet and other brushes, etc. John and Alice G. Benson, Florence L. Follis, and Charles H. Bowers, directors. R.O.: 18 Rea Street, Birmingham.

TRADE NOTES

Tragacanth.—All grades of powdered tragacanth are offered from stock at competitive prices by Salem (Pulverised Tragacanth), Ltd., 11A Wormwood Street, London, E.C.2.

Feeding-bottles.—Trade terms and available show matter for Dimples and Dinkie feeding-bottles are detailed elsewhere in this issue by James Macdonald, Dawson Street, Greengate, Salford, 3.

Purchase Tax Reduced.—Keene's Laboratories, Ltd., 46 Elswick Road, Newcastle-on-Tyne, point out that the purchase tax on Perox-Chlor has been reduced to 33½ per cent. The new retail prices are given on another page.

Supplies Rationed.—Supplies of Owbridge's lung tonic are limited, and the makers, W. T. Owbridge, Ltd., The Laboratory, Hull, have been compelled to ration supplies to customers. Prices are given elsewhere in this issue.

Iodised Inhalant.—A recommendation to chemists to prepare for winter epidemics by taking into stock increased supplies of E.C. iodised inhalant is made on another page. Terms are given and a special offer is outlined. The makers are Pond's Extract Co., Ltd., Perivale, Greenford, Middlesex.

Price Error.—Owing to a displaced type, the price of water-soluble lilac essence, I.D.L. brand, appeared incorrectly in a recent advertisement in these columns by Harman Dietetic Laboratories, Ltd., 109 Cricklewood Broadway, London, N.W.2. The price should have been (and is) 22s. per lb.

Head Lice Control.—Semprolia insecticide, for the control of nits and head lice, and prepared according to an approved formula now being used extensively by public health authorities, is available in 2-oz. containers, packed in 2-doz. outers, from Stemco, Ltd., 128 Albert Street, London, N.W.1.

Branded Menthol Cones.—The name Kristal has been given by M. J. Fecher, Ltd., 492-93 Ipswich Road, Slough Trading Estate, to menthol cones formerly advertised as Glasepto. This step has been taken to avoid confusion with a somewhat similar brand name used by another maker for a different article.

Advertising Pays Too Well.—The gist of an announcement in this issue by Cuxson, Gerrard & Co., Ltd., Oldbury, nr. Birmingham,

is that they find it impossible to cope with the response that advertising brings. They state that they are distributing to retailers to the fullest permissible extent.

Vitamin B₁.—Boots Pure Drug Co., Ltd., Station Street, Nottingham, draw attention to their preparation Vitamin B₁ Boots, which conforms to the specification for aneurine hydrochloride laid down in the Third Addendum to the British Pharmacopœia, 1932; the product is identical with, and has the same biological activity as, the natural vitamin. It is supplied in tablets for oral administration, and as a sterile solution in ampoules for intramuscular injection. The tablets are of 1-mgm. and 3-mgm. strengths, and are available in bottles of twenty-five and 100 tablets. The ampoules are supplied packed in boxes of six 5-mgm. ampoules or three 25-mgm. ampoules. Samples and literature are available on request to the medical department of the company.

Proprietary Articles Trade Association

Additions to Protected List.—J. C. Eno, Ltd. Prices in Eire: Eno's Fruit Salt, 2s. 3d., 21s. 7d. doz.; 3s. 9d., 36s. doz., subject to display allowance of 10 per cent. and 2½ per cent. settlement in thirty days, on minimum parcel value £5, which may include Veno products, Thermogene wadding and vapour rub or New Skin.

Newton, Chambers & Co., Ltd. Kymol, 1-gall. tins, 10s. 6d., 7s. 9d. each. Crates of six tins withdrawn.

The Pompeian Co., Ltd. (Distributors: Proprietaries (Eire), Ltd.). Prices in Eire: Pompeian beauty powder, 2s., 17s.; 1s., 8s. 6d.; 6d., 4s. 3d.

A. Wander, Ltd. Wander brand malt extract, 1-lb., 1s. 10d., 17s. 1½d. doz.; 2-lb., 3s. 7d., 32s. 3d. doz.; malt extract with cod liver oil, 1-lb., 2s. 1½d., 20s. doz.; 2-lb., 4s. 1d., 38s. doz.; Exempt from tax.

Deletions.—Burgoyne, Burbidges & Co., Ltd. Universal fruit saline (temporary withdrawal).

Genatosan, Ltd. Genozo brand tooth-paste, 1s. 6d. size; Genozo brand mouthwash tablets; Sanatogen, 2s. 3d. and 10s. 9d. sizes.

Glaxo Laboratories, Ltd. Adexolin capsules, 500's; Celin tablets, 500's; Ostelin tablets, 500's. Two packs of each of these products remain available for retail sale, as well as special dispensing packs.

Sanitas, Ltd. Sanitas, 6d. size; Sanitas disinfectant powder, 10d. size.

Southall Bros. & Barclay, Ltd. A.I. cod liver oil.

Stemco, Ltd. Nujol, hospital size; Flit, 1s. 6d. size.

Vinolia Co., Ltd. Vinolia medicated cream.

MEMORANDUM ON PHARMACEUTICAL POLICY

A DRAFT memorandum on pharmaceutical policy was discussed at a meeting under the auspices of the Pharmacy Group of the Socialist Medical Association in the Conway Hall, London, W.C.1, on September 23. Mr. W. S. Benjamin (chairman of the committee of inquiry that drafted the memorandum) presided. In opening the meeting he explained that the committee consisted of members of the Pharmacy Group, which had had the collaboration of the Guild of Public Pharmacists and members of the London Section of the Association of Pharmaceutical Employees. The policy set out in the memorandum did not commit either of those organisations; nor would it become the policy of the Socialist Medical Association until it had been before the executive committee of that body. The memorandum aimed at setting out a war-time policy and later the Group hoped to publish a programme for a long-term policy for a full socialist pharmaceutical service. The preamble to the memorandum declared that the proposals were devised with a view to: (a) utilising the technical capabilities of the pharmacist to the full, instead of his being employed as a salesman, window-dresser, clerk, etc.; (b) applying the vital war-time principle that supplies of essential materials should be conserved for the real needs of the people; (c) concentrating the activities of the entire profession on necessities for the health of the community, with resultant economies in materials, machinery, shipping and labour; (d) releasing superfluous and redundant personnel for the Armed Forces.

The Ministry of Health should, therefore, form an administrative and co-ordinating body to be known as The National Pharmacy Board (a step already successfully taken in New Zealand) truly representative of the Ministry, the Pharmaceutical Society, proprietor pharmacists, employed pharmacists and the wholesale drug trade. Responsible to the National Pharmacy Board there should be such committees as would be required to deal with the various aspects of pharmacy, e.g. the question of supplies, where measures were needed to control, rationalise and increase production, and the lack of co-ordination in retail pharmacy, which called for a system of democratic regionalisation and localisation. That required a drug productions and alloca-

tions committee, a production or efficiency committee in each unit, a national retail pharmacy committee with regional and local committees and the co-ordination of all hospitals.

It was proposed that the many valuable drugs and preparations now on the market under a variety of names, in a variety of packages and at various prices, should be standardised—one name, one package, one price—so as to eliminate wasteful competition. Products, practically worthless from a medical point of view, should be drastically reduced in number and quantity by allowing only one for each class of complaint. Much valuable material would thus be saved and a great deal of harmful self-medication prevented.

Discontinuance of Cosmetics

As regards retail pharmacy, among the measures advocated are the closing of redundant shops, the discontinuance of the manufacture of cosmetics and small non-medicinal articles in pharmacies, the restriction of window and counter display of patent medicines and the encouragement of the display of articles which the public really need. It was suggested that the Ministry of Health should start some kind of educative campaign among both pharmacists and the public, and that window displays should be used to teach the public the correct and economical use of drugs in short supply. The Government or Board of Trade should guarantee that every pharmacy closed as a result of the policy of concentration should be reserved for the use of the owner after the war, if he chose to return. No additional pharmacies should be permitted on those premises or in the vicinity until the previous occupier (if a registered pharmacist) declined to return to the premises.

Discussion

In the discussion the following points were put forward: The need for some authority to determine the allocation of rare drugs as between civilians and the Forces. Steps should be taken to reserve certain drugs and articles in short supply, large quantities of which were now held by wholesalers and multiple firms. Account should be taken of the manufacturers of fine chemicals which the drug trade did not make at all. There should be some

co-operation between this country, India, the Colonies and all the Allies regarding the allocation of supplies according to need. There should also be an inter-Allied committee on research. The position of foreign pharmacists should be regularised. It was pointed out that the Pharmaceutical Society was at present making a by-law to regularise the position of foreign pharmacists for the period of hostilities. The question of military service of foreign pharmacists was a matter for settlement between the British Government and the governments of the Allied countries. It was suggested that the gas

officer in the Home Guard should be either a pharmacist or a chemist. A doctor said that in hospitals they were told that certain products were in short supply and should be prescribed as economically as possible, while at the same time it was possible to buy large quantities of such drugs from retail shops without showing any authority that one needed such products.

Various amendments to the memorandum were adopted, and the chairman said the Committee would take into account the views expressed when the memorandum was re-drafted.

EIRE COUNCIL ELECTIONS

A LATE nomination from the South in the election of members of the Council of the Pharmaceutical Society of Ireland was, as indicated last week (p. 319), that of Dr. William Power, L.P.S.I., of Castletownbere, co. Cork. This makes the total nominations received up to September 19 fourteen. Dr. Power holds the view that there are too many Dublin representatives on the Pharmaceutical Council and not enough representatives of pharmacists in the Provinces. It is in the interests of increased representation for the country chemists that he has gone forward.



Mr. J. V. McKeever

[A note on Mr. McKeever appeared in last week's issue, p. 319].

Kissane, John P.—After serving an apprenticeship with Mr. John R. Shanahan, Ph.C., Castleisland, co. Kerry, Mr. Kissane began his career in pharmacy by qualifying with honours and second place in the January 1932 examinations of the Pharma-

ceutical Society of Ireland, and this at the age of twenty-two. He took over the pharmaceutical business (established in



Mr. J. P. Kissane

1898) of his father, and in 1938 opened a fine modern pharmacy opposite the old pharmacy in Main Street, Tipperary. In 1937 Mr. Kissane was appointed dispenser to the Tipperary Dispensary, and as such has been an active member of the Irish Compounding Association. He is a divisional officer for Tipperary of the Irish Red Cross Society, and a well-known member of the Irish Chemists' Golfing Society. About his policy if elected, Mr. Kissane says: "I will do all in my power to improve pharmacy, which I think has travelled a long, weary road. I know conditions can be improved from the country member's point of view, and I am sure that City chemists are anxious for our views."

FACTS THAT PHARMACISTS MUST FACE

MR. G. R. KNOX-MAWER (a member of the Council of the Pharmaceutical Society) in an address which he gave to the Birkenhead and Wirral Pharmacists' Association at Birkenhead on September 22, declared that today all the problems of pharmacy were dominated by that of personnel. Efforts to secure a standstill order, so that pharmacists might be placed in their most useful spheres, having failed, he was of the opinion that all male pharmacists under twenty-five would either have to go into the services or into war work. The Central Committee held the view that pharmacists could probably do more useful work in a Royal Ordnance Factory than as footsloggers. It considered also that in cases where men between twenty-five and thirty were dealing with a relatively small number of prescriptions, they could be most usefully employed in industrial areas where there was a heavy call for dispensing services.

Trainees

It had been estimated (and accepted) by the Ministry that a girl drug hand could be trained in six months. There was still time to train girls and women as substitutes for those between the ages of twenty and twenty-five who might be conscripted in the near future. He feared it might be difficult to retain anyone dispensing less than 2,000 prescriptions a year.

The opportunity was now present for pharmacists to cultivate the trade of the family chemist. Admittedly, there was some trouble in handling coupons for such products as babies' cereals, rusks and sweets, but he declared it was essential for pharmacists to go all out for the sale of these baby preparations. The public should be taught that the pharmacy was the place to go to when they were ill. Often their feelings against the clinics were bitter, but pharmacists had to remember that anything that affected the health of the nation was of greater importance than the affairs of the individual pharmacist. Mr. Knox-Mawer thought it unlikely that much success would be achieved by adopting the Retail Trade Committee's proposals for merging businesses, because pharmacy was a personal business.

During question time a member asked whether it was likely to be made compulsory for hospitals to have pharmacists as dispensers.—MR. KNOX-MAWER replied the prospects were good, but they were always

faced with the opposition of the British Medical Association. Two or three years ago an endeavour had been made, by means of a census, to find out the facts but the number of replies received was insufficient to enable conclusions to be drawn. Many of the troubles of pharmacy were due to lack of initiative and zeal.

"Should a pharmacist join the Home Guard?" asked another questioner.—MR. KNOX-MAWER: His first duty is that of civilian dispenser. If he can do his duty as a pharmacist, by all means let him join the Home Guard. Every pharmacist should be in one of the services.

WOMEN IN THE DRUG TRADE

THE Central Pharmaceutical War Committee has been approved by the Ministry of Labour and National Service as an agency for the purposes of the Employment of Women (Control of Engagement) Orders. As an agency the Committee will have the function of placing in new posts women coming within the Orders who are (a) pharmacists; (b) dispensers; (c) "drug hands" (except single women born between January 1, 1918, and June 30, 1922). "Drug hands" are women who have been regularly employed in the handling of drugs and medical and surgical appliances for a minimum period of six months. Women subject to the Orders and within the classes described who seek new employment should apply for form C.P.W.C.60 to the Central Pharmaceutical War Committee at 17 Bloomsbury Square, London, W.C.1. Employers seeking to engage such women should notify the Central Committee giving the usual particulars in full of the vacancy. Arrangements have been made whereby the National Association of Women Pharmacists, 18 Sheepcote Road, Harrow, Middlesex, may act as agents for the C.P.W.C. in respect of pharmacists and dispensers for the receipt of notifications from employers and employees. The responsibility for the placing of the women will, however, rest with the Central Committee. Arrangements for Scotland are under discussion between the Scottish Central Pharmaceutical War Committee and the Ministry of Labour and National Service. Pending their conclusion, women coming within the Orders and employers seeking the services of such women must, as hitherto, apply to the local office of the Ministry of Labour.

PERSONALITIES

MR. ARNOLD AXON, apprentice to William Blain & Sons, chemists, 25 Market Street, Bolton, has been awarded by the local education committee a scholarship of £100 per annum for three years, tenable at Nottingham University College.

COUNCILLOR CHAD JACKSON, who recently led a deputation to the House of Commons to champion the cause of small traders, is mayor-elect of Wednesbury. Councillor Jackson is a director of D. Jackson & Sons, Ltd., chemists, Wednesbury and Darlaston.

MR. E. H. O. (DAVID) BENNETT, eldest son of Mr. E. H. G. Bennett, M.P.S., and Mrs. Bennett, Church Street, Framlingham, Woodbridge, Suffolk, was ordained at Chelmsford Cathedral on September 20 by the Bishop of Chelmsford. He has commenced his ministry at St. John's Church, Moulsham, Chelmsford.

MR. and MRS. THORNTON (Thornton & Ross, Ltd., manufacturing chemists, Linthwaite, Huddersfield) were on September 26 the recipients of an inscribed silver salver on the occasion of the forthcoming silver anniversary of their wedding. The ceremony took place in the works canteen, Mr. L. Beaumont (departmental foreman and one of the oldest employees) presiding. Mr. A. W. Haigh (senior representative and employee with the longest record of service) made the presentation, and Mr. Thornton suitably replied, giving reminiscences of the early days of the business. Mrs. Mabel Sykes (departmental forewoman) then presented a bouquet to Mrs. Thornton. Mr. Ross thanked all who had been responsible for making the arrangements.

MARRIAGES

BARLOW—LESCHER.—At St. Patrick's Church, Southport, on September 24, Claude Vincent Barlow, Braintree, to Cynthia (Tinti) Lescher, daughter of Mrs. E. M. Lescher, Cambridge Road, Southport, and of the late Mr. T. E. Lescher, Birkdale and Liverpool (until his death chairman and managing director of Evans Sons Lescher & Webb, Ltd., Liverpool).

HALL—SCOTT.—On October 1, Samuel Hall, Limerick, to Thelma Helena Scott, M.P.S.I., 232 Harold's Cross Road, Dublin, daughter of Mr. T. C. Scott, M.P.S.I. (a member of Council, Pharmaceutical Society of Ireland).

MCARDLE—MURPHY.—At the Church of St. Moninna, Meigh, recently, Daniel Leo McArdle, Ph.C., 18 Hill Street, Newry, to Kathleen Theresa Murphy.

DEATHS

BARRY.—In Cork, on September 12, Mr. John Barry, father of Mr. P. J. Barry, M.P.S.I., Loughrea.

BRACEWELL.—Recently, Mr. John William Bracewell, M.P.S., Irwell View, Ramsbottom, Manchester, aged sixty-two. Mr. Bracewell was founder and managing director of J. W. Bracewell & Co., manufacturing chemists.

HENEY.—Suddenly, on September 26, Mr. Henry Parnell Heney, M.P.S.I., 95 Atwood Road, Didsbury, Manchester, aged fifty-seven. Mr. Heney had for eighteen years represented Bayer Products, Ltd., in Manchester and district.

MCINTOSH.—At Edinburgh, suddenly, on September 18, Mr. Fletcher Menzies McIntosh, 51 Gilmour Road. Mr. McIntosh, who passed the Minor examination of the Pharmaceutical Society in 1900, was proprietor of the business of Lindsay & Gilmour, 11 Elm Row. In 1921 he was granted a Royal Warrant. For several years he had a business in North Berwick. His eldest son is Major Donald McIntosh, M.D., F.R.C.S.E., who has served with the Forces since the beginning of the war. His second and third sons are members of the Pharmaceutical Society, while his youngest son is a third-year medical student at Edinburgh University.

NASH.—At Knebworth, Herts, on September 20, after a short illness, Mr. Thomas Arthur Nash, a partner in the firm of Selwood & Nash, drug merchants, 1-6 Railway Place, Fenchurch Street, London, E.C.3.

RECENT WILLS

MR. JOHN HEBER HULL, M.P.S., Station Road, Tadcaster, Yorks, who died on January 20, left £10,195 gross, with net personalty £8,294.

MR. JOHN GEORGE HALLER, 325 Borough High Street, London, S.E.1, Mildmay Chambers, 69 Bishopsgate, E.C., and 7 Union Court, Old Broad Street, E.C., chemical merchant, who died on September 18, 1941, left £22,060 gross, with net personalty £16,336.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

or RETAILER — WHOLESALER — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

No New Lamps for Old

THE latest contribution to the planning of pharmaceutical policy comes from the Pharmacy Group of the Socialist Medical Association. The proposals were made known at a recent meeting (p. 342) and are not yet embodied in its official policy as they have not been discussed by the executive committee of the Association. This is just as well, for before being put forward as the policy of the Association they will need to undergo drastic revision—more than the mere redrafting now decided upon. In their present form the proposals are intended as only a war-time policy, yet obviously there are some matters dealt with which are totally unsuited for putting into operation in the third year of the war. On the other hand, several things suggested are already in operation.

Schemes Already in Operation

It is not clear whether the Group is just making known which parts of plans put forward by interested parties it supports or whether the proposals emanate from independent investigation. Mention of a committee of inquiry suggests the latter, yet several of the measures advocated seem to indicate that the committee has only

endeavoured to separate the wheat from the chaff in ideas already put forward by others. Originality is lacking. In fact virtually every proposal made by the Group that is capable of being put into operation to help the war effort is already under way—for example, the principle that supplies of essential materials should be conserved, the releasing of redundant personnel for the Armed Forces, and so forth, are all being carried out. There may be need for speeding up or expansion, but that is another matter. Then the proposal of a National Pharmacy Board is not new. It was first publicly suggested, we believe, by the late Sir William Glyn-Jones, and a plan more in accordance with modern conditions was put forward in the *C. & D.*, 1941, II, 365. Moreover, New Zealand did not undertake this step as a war-time measure, and for a scheme to be truly representative it would have to embrace several interested parties besides those mentioned. As to the Board's committees, by the time all were functioning there would be few redundant persons left in pharmacy (if there remain any by the time the Armed Forces have taken their 7-8,000 of military age).

Apparently Contradictory

The suggestion that products practically worthless from a medical point of view should be reduced to one for each class of complaint in order to save much valuable material seems contradictory. Surely a more constructive proposal would have centred round the abolition of any products proved worthless. The points raised in the discussion do not seem to have been any more of a contribution to war-time policy than the memorandum. The proposal that steps be taken to reserve the large stocks of drugs in short supply (if there are such) now held by wholesalers has been largely forestalled by Statutory Rules and Orders and by the questionnaire of the Directorate of Medical Supplies (*C. & D.*, August 15, p. 181.) Similarly, in regard to the allocation of supplies between the countries comprising the United Nations, there have been imports of drugs and pharmaceutical chemicals under the Lease-Lend arrangement, to mention only one example from among many existing arrangements.

Taken as a whole the memorandum and the discussion have put forward little if anything that is new or novel, while in some respects it gives the impression that members of the Group are not so well informed as they might be on a number of matters. Certainly the Planning Committee of the Pharmaceutical Society will not derive much benefit from the Group's proposals, and will presumably have to pursue its own unpublished deliberations until such time as the redraft of the memorandum or details of the long-term policy are available. Meanwhile, both parties might usefully study the report issued not long since by their Irish *confrères*.

Patchwork Legislation

It was some years before the outbreak of the present war that the late Lord Hewart called attention to the evils of the modern method of legislation by which the country was governed by civil servants rather than the House of Commons. It has become more than ever the practice nowadays for Parliament to pass what is generally described as an enabling Act, i.e. a marionette which is then clothed and exercised by a particular department. The procedure is inevitable in war-time and willingly accepted by the population. There is, however, at least one aspect of legislation by this Statutory Rule and Order method which calls for comment, and as instances two quotations from the *C. & D.*, September 12, may be cited: Article 2 of the Order "has been amended from August 31"; "The new Order came into operation on September 8." About the date on which the Order comes into force the department charged with issuing it usually sends to the Press a *résumé* in simpler language. This procedure is of some value, but obviously in the case of those Orders which deal with trade matters it is impossible for persons it directly affected to comply with the provisions until full details are published through H.M. Stationery Office and in turn in the trade Press. Consequently it may be some days before a trader may know that his actions have rendered him a miscreant in the eyes of the law. We are not aware of any prosecution having been taken for an indiscretion which has occurred within a

short period of a change in legislation, but the matter does not end there. S. R. & O. have frequently been so complicated that a paragraph may be read in two ways. If, then, inquiry is made in official quarters as to how the paragraph should be read past experience suggests that it is no unlikely that a reply will be received to the effect that it is not the department's business to interpret the law.

Hard on Traders

The numbers of S. R. & O.s issued amount to 2,000 or more in the course of the year and though the food trades are the subject of the great majority, the drug trade cannot complain of being overlooked. Where this form of legislation scores from the Government's point of view is the ease with which a previous ruling can be amended. From the traders' angle the position is the reverse, particularly as there seems to be an ever-growing desire to make the law cover every possible exception instead of compelling transgressors to keep within the law. However much the screw is tightened the deliberate wrong-doer seems still to find a loophole, but the trader who is doing his best to carry on in accordance with the law is more harassed than ever. When the contradictory decisions on purchase tax, whether coupons are necessary, and points problems are added to his other difficulties, it can be truly said that the trader's "lot is not a happy one."

Help For Those Who Help Themselves

"WHY doesn't the Government do something about it?" Not everyone who in peace-time posed this question realised, or would have been reconciled to, the amount of bureaucratic control that Government action would entail. The plea might have been put forward with greater justification in the early days of the war by traders rendered shopless from enemy action, who might have been highly efficient retailers and have made plans to deal with every ordinary business contingency yet be put out of action beyond hope of recovery. Only the Government would appear to have the necessary power and resources to reinstate them. Yet that would still not have been the

wisest course from the points of view of the trader or of the public and by far the better plan is the one that has been adopted in most parts of the country—namely, mutual-assistance schemes. Nobody can know a man's own business as he does himself, but the nearest to understanding it will be his fellow traders locally, and a very long way after that the appropriate department of the Board of Trade.

Nature of Help

A real service has been rendered by the Board in pointing out, in a lengthy pamphlet just issued, the nature of the help it can give, and the degree of self-help it demands to have been applied before its own assistance is called upon. The position is summed up in a parliamentary reply given by the President of the Board of Trade on August 4, when he said:—

After enemy action everything possible is done by the Board of Trade to make available to the bombed area supplies of goods required to meet essential needs, and particularly the needs of the people whose personal belongings have been destroyed. The replacement of bombed stocks must, however, inevitably affect the total volume of goods available for sale in the shops throughout the country. I think that traders have realised for some time that it is not always possible, with the present levels of production, for goods which are not absolutely necessary to be supplied in place of all the goods destroyed. I must keep in mind the essential needs of the consumer wherever he may be and plan accordingly.

The memorandum ("Retailers' Mutual Assistance Schemes") states that it is "in the interest of all retailers to make plans at once to help themselves and their fellow traders so that if and when an emergency arises in their own town or district the Government will find it easier to help them."

The main directions in which a bombed-out trader needs help are in finding new premises and in acquiring new stocks. Many local schemes of mutual assistance have prepared in a very practical way, often with the co-operation of the local authority, for the latter, and certain early schemes provided that officers of the local chemists' association should help in the search for alternative premises. Official action such as the Location of Businesses Order has rather limited the scope of private individuals in this matter, and the alternative

of accommodating blitzed pharmacists at the premises of brother chemists involves serious practical difficulties that are not to be lightly dismissed as resulting from a too-competitive outlook. In some schemes provision is made for kiosks to be provided by the authorities and stocked by the chemists in association, and this is all to the good as a temporary measure.

When Assistance is Given

It is when the problems of premises and stock are beyond solution by the best efforts of the retailers themselves that the Board of Trade is prepared to render assistance. Before doing so it requires to be assured that the business is reasonably necessary to serve the community, and to know what stocks, approximately, are available in the locality. It is here, perhaps, that chemists can do something a little beyond the scope of existing mutual-aid schemes, so far as we have any knowledge of these schemes. We are inclined to doubt whether the secretary of the local association is in a position to give, at short notice, the ratio of chemists to population, or has any means of computing, however roughly, the stocks normally held by members of essential medicaments (such as those on the minimum basic stock list prepared by the National Pharmaceutical Union). There is naturally a certain reluctance on the part of traders to give such figures—though less reluctance today, perhaps, than half a century ago—but circumstances have changed, and the alternative to disclosure may be complete closure. It is true the Board of Trade will raise no objection to a trader's obtaining goods from any source open to him. But it seems highly improbable that he will be able to obtain unspecified goods from private sources and at the same time secure help from the Government. The better local traders—and particularly chemists, who have statutory duties to perform—know their own business, and this includes a knowledge of the part they play in the whole local machinery of distribution, the more likely they are to be left to manage their own affairs, the more likely to receive assistance when they cannot help themselves, and the more likely are the public to get a satisfactory pharmaceutical service.

COLLECTIVE ECONOMIES FOR CHEMISTS

MUCH publicity was recently given to the speeding-up of the "turn-around" at ports as a means of economising in shipping space. On a smaller scale, an analogous deadlock to the one that existed at the docks, prior to the speed-up, is vitiating the smooth distribution of goods, particularly proprietary medicines, in the drug trade. On the one hand man-power is contracting both in the distributing houses and in the shops. This is paralleled by restrictions on the use of cardboard for outers in which goods are transported. On the other hand, existing cartons, as well as wooden packing cases usually charged at rates in excess of intrinsic values, are being "bottlenecked" in the back rooms and backyards of pharmacies because there is not the labour available to deal with them. The work involved is not light. The packages and cases may be of a variety of shapes and sizes, be destined to many different makers and distributors, and be charged at quite a range of prices, for which credit notes must be made out. It is not an uncommon practice for the chemist to devote one day a month to the work, and, sandwiching it between the ordinary work of serving customers, it probably takes him the best part of the day to get it completed. Incidentally, it may not always be a complete case that he has to send back. One chemist recently had to claim 8s. for a collection of wooden sides tied into a bundle. Such episodes add to the gaiety of life and must be expected as wear-and-tear grows on already worn containers. The point is that the "day-a-month" method, though it is difficult to see how the retailer can improve on it when his staff is depleted, keeps containers out of circulation and renders even more acute a shortage resulting from Package Control Orders. Yet the wholesaler is hardly better able to deal with the problem. It is to his interest to secure speedy return for his cases, but he again suffers from short staff and restricted material.

Machinery of Collection

A way of meeting the situation might be to make the wholesaler's vanman responsible for collecting the empties. At present he has no incentive to do so; in fact there is every inducement to hurry on in order to deliver more actual goods. If he were paid

a small amount for each carton this payment could be shared by the owner of the case and the retailer, for just as it is in the distributor's interest to get the case returned quickly, so it would pay the retailer to keep his premises clear and his credits up to date. The obvious difficulty is that one maker does not want another's containers and that not all goods come by the same van.

Towards Standardised Containers

It is believed moves are being made to standardise containers used in forwarding goods, and this would enable some amount of interchange to be carried out. It still would provide no complete answer. Alternatively, the distributors could probably secure a more prompt return of containers by reducing the amount of clerical work required of retailers. As a suggestion, the carmen could be issued with a series of vouchers of suitable nominal values, one of which he could hand to the retailer for each case collected. The vouchers could be returned attached to the invoice at the time of payment, and credit passed accordingly. Even the return of cartons and boxes not charged, or charged only at a nominal figure, could probably be secured by some such means. The retailer is aware of the shortage, and is ready to co-operate to obviate it. This is shown by his willingness to undertake the collection of tooth-paste tubes, which represents honorary, if admittedly small, effort on his part.

There might be local collection centres, organised either by wholesale houses or co-operatively by retailers. This would involve, possibly, a certain amount of voluntary work. Nevertheless, if "salvage stewards" can be found to organise collections among private householders, similar helpers can surely be found among chemists to gain an end that is of direct benefit to themselves as well as of indirect benefit to the country's war effort. Worthwhile quantities of cartons of any one maker could be got together in much shorter time, and fewer (and in total amount smaller) freight charges would be involved.

Two suggestions in connexion with invoicing goods sent in to retailers, and with the subsequent payment, would, it is thought, contribute substantially to economies in time, labour and paper. The first is that goods and invoices should be timed

to arrive together. Ideally, the invoice would invariably accompany the goods, but it is appreciated that in a large distributing organisation the office and the dispatch department may be situated at some distance from one another, and there may not be the staff available to act as go-betweens from one department to the other. Also, it is understood that the invoicing departments of large firms may tend, in war-time conditions, to get in arrears with their work. But corresponding staff shortages on the railways and in retail trade have accustomed the public to delays that they would not tolerate in peace-time. As the time taken in transit is long anyhow, it seems a sane and proportionate suggestion that, if the invoice cannot be made out at the time the goods are packed for dispatch, the goods themselves may be held up at the warehouse until the invoice is ready. From the retailer's point of view, speedy delivery is only useful if it means more speedily satisfying the customer. If goods cannot be sold because they have not been invoiced, there is no advantage in having them in the shop.

The actual form the invoice takes is the subject of the second suggestion. If the reverse side were printed in a suitable way, it could be folded, with the cheque inside, and sent back to the wholesaler or manufacturer without envelope. The saving in time would be considerable and in paper by no means negligible.

Making Full Use of Stocks and Assistants

Another type of saving that could be effected by combined effort is a saving of expense and disorganisation in localities affected by air-raids. Some excellent co-operative schemes are in operation to provide stocks for chemists whose premises have been hit, but other contingencies can arise that may not be equally well provided for. Thus one or more proprietor chemists may be killed or injured yet the premises remain intact. The effects of this are first that employees are put out of employment and may be compelled to seek new posts outside the district though there is work for them locally if only it can be organised in time, and, secondly, that stocks are lying idle in the shop because there is no one with authority to give instructions that they are to be used in the emergency. The suggestion is that, as an extension of any mutual-aid scheme locally adopted, the chemists in an area should agree that in certain circumstances, which can be specified beforehand, the stocks of a pharmacy may be made use

of and the personnel employed by the remaining chemists acting either in concert or through members of their number specially appointed for the purpose. It would thus be possible to guarantee the local authority and local Insurance Committee that in no circumstances would the pharmaceutical service be allowed to break down.

An economy that can be individually put into operation is to use other sources than the mains for obtaining water for certain purposes. By this it is not intended that there should be wholesale borings for spring water, but that use shall be made of rain water collected in the way that it is often kept in country houses: by means of water butts. At present it is generally recognised that in many respects drainage of rain water is far too efficient. Too much of it is carried straight to drainage channels, rivers and eventually to the sea without any use being made of it whatever. Yet it could be used to ease the organisations and labour of water supply authorities in such operations as bottle-washing, floor and window cleaning, etc., besides providing extra reservoirs for dealing with incendiaries. Even in many shop premises quite useful quantities of water can be collected in this way, while in large factories the amounts become considerable—*Sydney Carton*.



Courtesy]

["Yorkshire Evening Post"]

The Shape of Things to Come ?

CO-ORDINATED PURCHASE OF FATS, OILS AND OILSEEDS

THE Combined (United Kingdom and United States) Food Board announces that an agreement has been reached providing for exclusive buying in certain prescribed regions of the world by the United States and in other areas by the United Kingdom, on behalf of all the governments adhering to the agreement, of fats, oils and oilseeds available to the United Nations throughout the world. The plan was worked out after the Combined Food Board, collaborating with the governments most vitally interested, had made a comprehensive preliminary survey of the supplies of these raw materials available to the United Nations in relation to essential war-time needs. The urgency of the situation disclosed by the survey led the Board to recommend a plan of co-ordinated purchase and allocation of fats, oils and oilseeds. The recommendation has been accepted by the food authorities of the United States, the United Kingdom, Canada, Australia, New Zealand and South Africa, and is now in effect. It provides: (1) That the United States will be the exclusive purchaser on behalf of the governments adhering to the agreement of: (a) All oilseeds and oils and fats in the North and South American territories, including the Caribbean Islands, with the exception of animal fats in Argentine and Uruguay; (b) copra in Tahiti and all Fighting French Pacific Islands; (c) all oilseeds and oils and fats in Portuguese Africa, Spanish Africa, and Liberia. (2) That the United Kingdom will be the exclusive purchaser on behalf of the adhering governments of: (a) All animal fats in Argentine and Uruguay; (b) all oilseeds, and oils and fats in British Empire countries except territory specified in 1 (a); (c) all oilseeds and oils and fats in Fighting French Africa; (d) all oilseeds and oils and fats in the Belgian Congo.

Allocation

Supplies purchased by the two governments will be allocated among the United Nations according to recommendations made from time to time by the Combined Food Board and accepted by the governments in question. About one-third of all United States fats and oils consumption is for non-food uses, chiefly for soap, glycerin for explosives, paints, varnishes, lacquers and other industrial uses. The principal

food uses are, as butter, lard, lard compounds, salad and cooking oils, margarine, and confectionery. Without some restriction upon the total consumption of fats and oils in the United States, the estimated amount available is still not adequate for maintaining existing stocks and prospective domestic, civilian, military, and Lend-Lease requirements, and at the same time to provide insurance against possible contingencies. For this reason restrictions have been imposed under War Production Board General Preference Order, H-71, as amended on September 22, 1942, limiting the use of fats and oils to definite percentages of former consumption, and allocating supplies to manufacturers and processors accordingly. Under the Order, it will be possible to build up adequate reserves for meeting such contingencies as further losses of imports, possible crop failures, or increased Lend-Lease demands. The shortage of fats is more severe in Britain, which normally depends on imports, including whale oil, for about 95 per cent. of its fats and oils supply, the imports coming chiefly from the Pacific area, Africa, India, United States and South America. On account of the shortage of fats and oils in the United Kingdom, severe reductions in consumption have been imposed. The basic civilian ration in Great Britain is eight ounces of fats and oils per week, of which not more than two ounces may be butter.

COMMERCIAL NOTES

Magnesium from Canada.—Canadian-produced magnesium, the first to be obtained in the Dominion, is stated to be now available to users.

United States Shellac Control.—The use of shellac for civilian requirements has practically ceased, following the issue of an order by the United States War Production Board. The order makes exceptions only for certain specified uses.

Bermuda Import Restrictions.—A list of goods for which no permits will be granted for importation into Bermuda from any source includes a range of cosmetics and manufactured mineral waters. Toilet preparations such as bay rum, beauty creams, cleansing creams and perfumes may be imported only from Empire sterling sources.

PRICES OF OILS AND FATS

THE Ministry of Food announces that the following prices will be charged for oils and fats allocated to primary wholesalers and large trade users for the five weeks ending October 31.

Oils	Per ton, naked ex works unless otherwise stated
	£ s. d.
Coconut, crude	36 12 6
" refined deodorised	40 0 0
" refined hardened deodorised	44 0 0
" crude oleine	36 12 6
Palm kernel, crude	36 0 0
" refined deodorised	40 0 0
" refined hardened deodorised	44 0 0
" crude oleine	36 0 0
Cottonseed, crude	39 12 6
" washed	42 15 0
" refined edible	48 0 0
" refined deodorised	49 0 0
Groundnut } crude	44 0 0
Sunflower } refined deodorised	49 0 0
Sesame/benniseed }	48 0 0
Maize }	53 0 0
Groundnut, neutralised and bleached	54 0 0
" refined deodorised hardened	46 10 0
" to 40°	48 5 0
" refined deodorised hardened	42 0 0
to 50/52°	60 0 0
Linseed, crude	58 0 0
Rapeseed, crude	29 15 0
Mixed, refined deodorised	(per ton, c.i.f., in casks to be returned)
Castor, firsts	29 5 0
" seconds	(per ton, c.i.f., in loan drums)
Palm, softs	28 5 0
" semis	(per ton, c.i.f., in bulk, S.O.G.P.A. contract No. 21 allowances)
" hards	46 0 0
" Lagos	49 0 0
" Red Sherbro	37 10 0
" refined deodorised	(per ton, c.i.f., naked)
" refined hardened deodorised	40 10 0
Herring, crude	(per ton, c.i.f., naked)
"	39 0 0
"	39 0 0
"	37 0 0
" No. 3	36 0 0
Sperm, crude head	39 0 0
" blubber	39 0 0
" carcase	37 0 0
" No. 3	36 0 0
Whale, crude No. 1	39 0 0
" No. 2	37 10 0
" No. 3	34 10 0
" No. 4	26 10 0
" Above prices are per ton, naked ex store	
" hardened up to 42°	39 0 0
" " " 46°-48°	39 10 0
" " " 50°-52°	40 0 0
" " " 54°	40 10 0
" iodine value 3-5	40 10 0
" refined hardened deodorised to 42°	42 0 0

Oils	Per ton, naked ex works unless otherwise stated
	£ s. d.
Whale refined hardened deodorised to 46°/48°	43 0 0
Seal, crude No. 1	39 0 0
Acid oils, coconut and/or palm kernel	(per ton, naked ex store)
" cotton black grease	31 0 0
" cotton ex washed	16 10 0
" groundnut and/or sesame and/or benniseed	26 10 0
" sunflower	27 10 0
" soya	25 10 0
" whale oil	25 10 0
" whale oil hardened	26 10 0
" palm oil	28 15 0
" cocoa butter	24 0 0
" maize	24 0 0
" tallow	25 10 0
" mixed soft	27 10 0
" mixed ex hardened oils	28 10 0
" mixed ex margarine and compound refineries	24 10 0
" hard and coconut/palm-kernel mixed	30 10 0
" vegetable oil residues	16 0 0
" soapstock—prices same as that of the equivalent acid oil on the basis of fatty matter.	

TRADE MARKS

(From "The Trade Marks Journal," September 16)

"IBCOSAN"; for disinfectant and germicidal preparations (5). By H. Ibbetson, Ib-co Works, Great North Road, Stevenage, Hertfordshire. 619,657.

"SANFLAK"; for antiseptic and disinfectant preparations (5). By G. W. Taylor, 40 Duncombe Street, Walkley, Sheffield. 619,476.

"WOTON"; for pharmaceutical substances (5). By Wolverhampton Chemical Co., Ltd., Two Gates, Maidenhead Court, Maidenhead, Berkshire. 619,588.

"LILIANETTE"; for sanitary towels (5). By Sashena, Ltd., Paragon Works, Neptune Street, Kingston-upon-Hull. 619,793 (Associated).

Design; for medical and surgical instruments, etc. (10). By R. S. Cleminson, A. Kohnke and F. Patel, 4 and 6 Milner Street, Chelsea, London, S.W.3. 619,196.

"JONELL"; for gutta percha, india-rubber, balata and synthetic india-rubber (17). By John Lewis & Co., Ltd., 13 Holles Street, London, W.1. 617,994 (Associated).

"BURMIX"; for gutta percha, india-rubber, balata and synthetic rubber, etc. (17). By R. W. Stewart & Co., Ltd., Elgin Street, Dunfermline, Fifeshire. 619,210.

APPLICATION AMENDMENTS

Specification No. 618,951, by W. R. Williams-Crowe, altered to read "Medicated preparations for teeth other than artificial teeth."

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, September 30

Most of the markets have experienced a moderate inquiry during the week, but business has been of small dimensions. Prices are steady, and there are no signs of any likely reductions in the near future. Among the PHARMACEUTICAL CHEMICALS, prices and conditions have remained more stable during recent weeks. With the exception of advances notified by the makers of ATROPINE, HOMATROPINE and their compounds, as tabulated below (p. 355), there is little to comment upon. No alteration has been announced in the prices of PILOCARPINE.

Crude Drugs

Business in these commodities has again been of a routine character, with few alterations in prices. Dealers, however, are finding plenty of inquiries to answer for crude drugs that are no longer obtainable, among them such items as SASSAFRAS BARK, BLOOD ROOT, ORRIS ROOT, CANTHARIDES, HENNA, ALKANET ROOT, ACONITE ROOT, JUNIPER BERRIES, UVI URSÆ LEAVES and KRAMERIA. It is understood that some business is being done, with official permission, in AGAR, supplies of which, it will be remembered, were recently "frozen." Ample supplies of ANTIMONY are stated to be available for essential purposes. Restricted supplies of BUCHU LEAVES are firmly held at the last-mentioned prices. ERGOT remains extremely quiet, but prices are without quotable change. IPECACUANHA is a strong market. Rather more inquiry has been received for JALAP. The market is awaiting fresh supplies of OLIBANUM. Supplies of KENYA PYRETHRUM are poor. Present stocks of SENNA are stated to be ample for current requirements. Considerable interest has been created in the spices market by a communication issued by the Ministry of Food to the spice trade through the General Produce Brokers' Association. This states that exchanges of views are taking place between the Government and the Government of the United States with the object of arranging for the requirements of the United and neutral nations to be reserved for them at prices approximating to or slightly below those at present ruling.

A substantial measure of agreement has already been reached, but in the meantime the Governments of the British Colonies which produce CINNAMON, MACE, NUTMEGS and PIMENTO have been asked to curtail shipments for a short time until co-ordination can be put into effect. The communication continues that, as there are adequate stocks of these spices either in the United Kingdom or now afloat, there is no justification for spot prices being advanced beyond present levels.

Essential Oils

Very quiet conditions continue to prevail in the market for ESSENTIAL OILS, and price changes are negligible. In FIXED OILS and FATS, however, increases have been announced by the Ministry of Food for products allocated to primary wholesalers and large trade users for the five weeks ending October 31. A list of the new prices is given on p. 353. An agreement has been announced (p. 352) whereby the United States will be the exclusive buyer in certain prescribed regions, and the United Kingdom in other available producing areas, on behalf of all Governments adhering to the agreement, of fats, oils and oilseeds. Supplies purchased by the two Governments will be allocated among the United Nations according to recommendations made from time to time by the Combined Food Board and accepted by the Governments concerned. The plan is stated to be part of a general strategy that "seeks to make possible the sufficient procurement and allocation of the various important food supplies available to the United Nations for the combined war effort." An Order has been made by the Ministry of Food, with effect from September 28, increasing by 6s. per cwt. the maximum prices of home-melted technical TALLOW and GREASES.

Exchange Rates on London

The Bank of England fixed rates for the principal currencies are: New York, 4.03 dollars; Montreal, 4.45 dollars; Buenos Aires, 17.02 paper pesos; Netherlands West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner; Zurich, 17.35 francs. No change has taken place in the valuation of the Madrid peseta at 40.50 to the £, and the Chinese National dollar is steady at 3½d.

Pharmaceutical Chemicals

ACETANILIDE.—Moderate supplies of B.P.C. crystals and powder are available at from 2s. 5d. and 2s. 6d. per lb., respectively.

ASPIRIN.—Makers' prices steady at recent advance of twopence per lb.:—

Quantity	In containers of					
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.	
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. . .	4 3½	—	—	—	—	—
From 4 lb. . .	4 2½	4 0½	—	—	—	—
From 7 lb. . .	4 1½	3 11½	3 11½	—	—	—
From 14 lb. . .	4 0½	3 10½	3 10½	3 10	—	—
From 28 lb. . .	3 11½	3 9½	3 9½	3 9	3 8½	—
1 cwt. . .	3 4½	3 2½	3 2½	3 2*	3 1½	—
5 cwt. . .	3 4	3 2½	3 1½	3 1½*	3 1	—
10 cwt. . .	3 3	3 1½	3 0½	3 0½*	3 0	—

* 8×14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Makers' prices are as follows: Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 250,000, 2s. 9½d.; 500,000, 2s. 9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,000.

ATROPINE.—Makers' prices were advanced on October 1. The new prices per oz. are:—

Compound	oz.	4 oz.	25 oz.
	s. d.	s. d.	s. d.
Alkaloid, B.P. . .	35 0	34 6	34 0
Sulphate, B.P. . .	28 0	27 6	27 0
Methyl bromide . .	65 0	—	—
Methyl nitrate . .	65 0	—	—

BENZOIC ACID.—Makers' price is steady at from 2s. 6d. to 3s. per lb., according to quantity.

BENZYL BENZOATE.—Available to approved consumers for therapeutic purposes.

BISMUTH SALTS.—Makers' prices per lb. for quantities of 8 lb. to 28 lb. are as follows: CARBONATE, 10s.; CITRATE, 12s. 1d.; NITRATE (cryst.), 6s. 4d.; OXIDE, 14s. 1d.; SALICYLATE, 10s. 6d.; SUBCHLORIDE, 13s. 8d.; SUBGALLATE, 12s. 3d.; SUBNITRATE, 8s. 8d.

BORAX.—Makers' prices are as follows: B.P. quality, granulated, £39 10s. per ton; crystal, £40 10s.; powder, £41. Commercial grade, £8 per ton less. Packed in one-cwt bags, delivered carriage paid Great Britain, in one-ton lots and upwards.

BORIC ACID.—B.P. quality is priced by makers as follows: Granulated, £60 15s. per ton; crystal, £61 15s.; powder, £62 15s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—Makers' prices for one-cwt lots

were given last week (p. 330). Full details of makers' schedule were published in the *C. & D.*, August 15, p. 182.

COCAINE.—Details of British makers' current wholesale prices were given last week (p. 330).

CODEINE.—ALKALOID is currently quoted at 38s. 3d. per oz. in 4-oz. lots, and PHOSPHATE at 31s. 3d. in the same quantities.

ETHERS (METHYLATED).—Makers' prices per lb. in winchester quarts are as follows: 0·750, 1s. 5½d.; 0·735, 1s. 5¾d.; 0·730, 1s. 5¾d.; 0·725, 1s. 7½d.; 0·725 (triply rectified), 2s. 0½d.; 0·720, 1s. 8¾d.; 0·717, 2s. 2¾d.; 0·720, B.P. (not for anaesthesia) 1s. 10d. Special prices are given for quantities and contracts, subject to rise and fall clause.

GALLIC ACID.—Firm and unchanged at from 7s. to 7s. 3d. per lb., according to quantity.

GLYCERIN.—Small quantities are quoted as follows: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 14-lb. tin, 100s. per cwt. Subject to discount of 2½ per cent. twenty-eight days.

GUAIACOLS.—CRYSTALS and CARBONATE, in moderate supply, 13s. to 14s. per lb.

HEXAMINE.—Free-running crystals, in cwt. lots, about 2s. 3d. per lb.; fine crystals, about 1s. 11d. per lb.

HOMATROPINE.—Makers' prices were advanced on October 1. The new prices per gm. and per oz. are:—

Compound	gm.	oz.	4 oz.	16 oz.
	s. d.	s. d.	s. d.	s. d.
Alkaloid . . .	4 0	97 6	92 6	87 6
Hydrochloride . .	3 2	75 0	70 0	65 0
Hydrobromide, B.P.	3 2	75 0	70 0	65 0
Sulphate . . .	3 2	75 0	70 0	65 0

IODINE PREPARATIONS.—The following are makers' current prices per lb.: POTASSIUM, B.P. 112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. SODIUM, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2s.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. IODOFORM, B.P. (powder), 28 lb., 12s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 lb., 16s.; smaller quantities, 16s. 10d.; (cryst.) 28 lb., 14s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2d.; 4 lb., 18s.; smaller quantities, 18s. 10d. IODINE RESUBLIMED, B.P., 112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d. All prices net. Any quantity delivered carriage paid throughout Great Britain.

MERCURIALS.—Details of maximum prices for quantities up to two cwt. were given in the *C. & D.*, September 12, p. 331.

MERCURY IODIDES.—Makers' prices are unchanged: RED, less than 7 lb., 20s. 8d. per lb.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 26s. 8d. per lb.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. per lb. net, carriage paid.

METHYL SALICYLATE.—No changes have been noticed in makers' prices: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. per lb.

PHENOLPHTHALEIN.—Makers' prices remain at the following levels: Less than 7 lb., 4s. 3d. per lb.; 7 lb., 4s. 2d.; 14 lb., 4s. 1d.; 28 lb., 4s.; 1 cwt., 3s. 11d.

PILOCARPINE.—Makers' prices per oz. are as follows: BASE.—1 oz., 27s.; 4 oz., 26s. 6d.; 25 oz., 26s. HYDROCHLORIDE.—1 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 17s. 6d. NITRATE.—1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—Makers' current prices are as follows: B.P., in 1-cwt. drums.—From 1 cwt., 1s. 10d. per lb.; from 3 cwt., 1s. 9½d. Technical, in 1-cwt. drums.—From 1 cwt., 170s. 6d. per cwt.; from 3 cwt., 166s.; from 5 cwt., 163s. 6d.; from 1 ton, 161s.; from 4 tons, 158s. 6d. Technical, in 5-cwt. drums.—From 5 cwt., 161s. per cwt.; from 1 ton, 158s. 6d.; from 4 tons, 156s. 3d., net, delivered nearest railway station in Great Britain, drums extra and returnable.

SALICYLIC ACID (B.P.).—Makers' prices were recently advanced by one penny per lb.:—

In containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 9½	—	—	—	—
From 4 lb. . .	2 8½	2 6½	—	—	—
From 7 lb. . .	2 7½	2 5½	2 5½	—	—
From 14 lb.	2 6½	2 4½	2 4½	2 4	—
From 28 lb.—1 cwt.	2 5½	2 3½	2 3½	2 3	2 2½
1-5 cwt. . .	2 1½	1 11½	1 11½	1 11*	1 10½

* 8×14 lb. and upwards, in one delivery, ½d. per lb. less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

SANTONIN.—Home-trade prices are unchanged: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

STRYCHNINE SALTS.—British makers' prices for the home trade, details of which were given last week, are unaltered.

VANILLIN.—Makers' prices are as follows: Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

AGAR.—It is understood that a certain amount of business has been done with official permission.

ALOES.—No price changes have been noted. Cape, offered on spot at 65s. to 67s. 6d. per cwt. Curaçao, shipment, 450s. per cwt., c.i.f.

ANTIMONY.—Ample supplies are available for essential purposes. Prices are unchanged: English minimum 99 per cent. regulus, £120 per

ton, delivered; 70 per cent. crude, £100 per ton, delivered.

BALSAMS.—*Copaiba*, B.P., is unobtainable. Other varieties are at the prices last quoted: *Tolu*, 9s. 6d. per lb.; *Peru*, fully 8s. per lb. *Canada*, 8s. 6d. per lb.

BELLADONNA.—Spot value of Indian root remains at 460s. per cwt.; leaves, unquoted.

BENZOIN.—Business in ordinary grade has continued quiet at prices ranging from £16 to £20 per cwt., according to seller. Small supplies of free alomdy are available on spot at £33 to £35 per cwt.

BISMUTH METAL.—No change has occurred in the price of high-grade metal, which is at 6s. 3d. per lb. for minimum 5-cwt. lots.

BUCHU.—Firm and in restricted supply. Fair green rounds, spot, 6s. 3d. per lb.

CALUMBA.—Middling washed root is offered on spot at 185s. to 190s. per cwt.

CAMPHOR.—Small quantities of the natural grades continue to change hands at the prices given last week (p. 332). Supplies of English synthetic, B.P., are understood to be available to approved buyers at 7s. 6d. per lb.

CARDAMOMS.—Business small, but prices steady. Aleppy greens, spot, 5s. 3d. per lb.; shipment, 4s. 3d. per lb., c.i.f. Aleppy seed, spot, 5s. 9d. per lb.; shipment, 5s. 3d. per lb., c.i.f. Split seed, spot, 4s. 6d. per lb.

CASCARA SAGRADA.—Inquiries continue, but supplies are not available. Material imported under the Lease-Lend arrangement is understood to have been distributed.

CHILLIES.—Spot quotations for Mombasa remain at 145s. per cwt.

CLOVES.—Zanzibar, spot sellers at 1s. 7d. per lb.; second quality, afloat, 1s. 4d., sellers. Madagascar, unquoted.

COCOA BUTTER.—Except when sold under Ministry of Food licence, the maximum price chargeable is 1s. 5½d. per lb., ex factory or warehouse.

COCONUT (DESICCATED).—Price is controlled by Ministry of Food Order at 49s. per cwt.

DANDELION ROOT.—For all small available spot supplies of Indian root, 140s. per cwt. would be required. Import licences are not being granted.

DIGITALIS LEAVES.—Good-testing Portuguese leaves may be had on spot at 125s. per cwt.

DRAGON'S BLOOD.—Dull Zanzibar drop is offered on spot at £21 per cwt., and seedy lump at £30 per cwt. Re-boiled is no longer obtainable.

ERGOT.—Little interest is being shown in this item. Portuguese, spot, 6s. per lb.; shipment, 5s. 9d. per lb., c.i.f.

GALANGAL.—Spot, 90s. to 95s. per cwt., according to quantity and seller.

GINGER.—Maximum prices have not yet been fixed by the Ministry of Food. Some Cochín is reported available on spot at 210s. per cwt.; Calicut at 235s.; and West African at 205s.

GUM ACACIA.—No changes in prices. Kordon cleaned sorts, spot, 110s. per cwt.; afloat, s., landed terms; shipment, 65s. per cwt., c.i.f. Some bleached gum is still available to consuming manufacturers, ex warehouse London, at 145s. per cwt.

HONEY.—For particulars of current price schedule for first-hand and wholesale transactions, see *C. & D.*, May 9, p. 527.

HYDRASTIS.—Imported under the Lease-and-arrangement and sold to users at 22s. 6d. per lb., ex store, with an additional small charge for repacking.

IPECACUANHA.—Quite a strong market. Minas, B.P. grade, spot, 13s. 3d. to 13s. 6d. per lb., according to holder; rather under B.P., 12s. 6d. per lb. Matto Grosso, spot, 18s. per lb. Current prices for EXT. IPECAC. LIQ., in Winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 5s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JABORANDI.—Offered on spot at 60s. per cwt., ex store.

JALAP.—Rather more inquiry is being received. Brazilian 13 per cent., spot, 95s. per cwt.; 16 per cent., spot, 105s.; 19.3 per cent., 30s., ex warehouse Liverpool.

KAMALA.—Six per cent. is offered on spot at 2s. to 2s. 3d. per lb., according to holder.

LIQUORICE ROOT.—East Indian, spot, 70s. per cwt., and South African, 75s. per cwt., both ex warehouse Hull. It is understood that Russian may still be had on spot at £60 per ton, the officially-approved price.

MENTHOL.—Rather more inquiry for Chinese, the spot price of which would be 72s. 6d. to 75s. per lb., according to seller. Japanese, if obtainable, would fetch 75s. per lb.

MERCURY.—Full particulars of current official prices, which range from £68 10s. to £69 15s. per bottle for quantities over 7 lb., were given in the *C. & D.*, August 1, p. 131.

MYRRH.—Supplies are restricted, but some Aden sorts may be had on spot at £17 10s. to £18 per cwt.

NUX VOMICA.—Washed and garbled Cochinchina continues to move along slowly on spot at 45s. per cwt.

OLIBANUM.—The market is awaiting fresh supplies.

ORANGE PEEL.—Spot is not in good supply. For any available stocks of thin-cut and quarters, 3s. 3d. per lb. would be required.

PAPAIN.—Continues nominal on spot at 16s. per lb.

PEPPERS.—Maximum official price of whole white Muntok, not picked over or cleaned, is 8d. per lb., in bond; whole black Lampung, of similar grade, is 5d. per lb., in bond.

PIMENTO.—Sellers on spot at 2s. 7d. per lb.; shipment, unquoted.

PODOPHYLLUM.—Spot price of *Emodi* (15 per cent.) remains at 82s. 6d. per cwt.

PSYLLIUM SEED.—Indian seed is offered by dealers on spot at 1s. 3d. per lb., ex store.

PYRETHRUM.—Supplies are restricted. Kenya flowers, if available on spot, 2s. per lb.

QUILLAIA BARK.—Natural bark on spot, 100s. per cwt.; crushed or cut, 125s. per cwt.

RHUBARB.—Demand has been rather better. Spot, good-quality rough-round, 7s. 6d. to 7s. 9d. per lb.; lower grades, 7s. 3d. Shensi, spot, 9s. 6d. to 10s. per lb.

SAPONIN.—Spot, 7s. 6d. per lb., ex warehouse Liverpool; shipment, 6s. 6d. per lb., c.i.f.

SARSAPARILLA.—Native reddish is not easy to find on spot. Any remaining supplies would fetch 3s. 2d. per lb.

SEEDS.—Quiet and unchanged throughout the week. Current prices are as follows: **ANISEED.**—No supplies are available, but replenishments are expected. **CANARY.**—None available. **CARAWAY.**—No supplies are available. **CORIANDER.**—Indian, spot, none available at present; English, quoted at 220s. **CUMIN.**—Malta, 165s., duty free; Indian, 165s. **DILL.**—Spot, quoted at 170s. **FENNEL.**—Indian, business done on spot at 105s., duty free. **FENUGREEK.**—Nothing available. **MUSTARD.**—English, 140s. to 150s. per cwt., according to quality.

SENEGA.—In limited compass on spot. Price would be 7s. 6d. to 7s. 9d. per lb.

SENNA.—Market fairly well supplied; prices inclined to ease. Pods: Tinnevely, good hand-picked, 11d. to 1s. 2d. per lb.; ordinary grade, 10d. to 11d.; f.a.q., 6d. to 7½d.; Alexandrian, fair, 3s. 6d. per lb. Leaves: Tinnevely, No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.; Alexandrian, broken, 1s. 3d. to 1s. 4d. per lb.

SHELLAC.—Steady. Prices are as follows: Standard TN orange, spot, 200s. per cwt., value; pure button, unquoted; fine orange, 240s. to 290s. quoted.

SLEPPERY ELM BARK.—Price to users of Lease-Lend material is 1s. 6d. per lb., ex store. It is understood that most of this bark has been distributed.

SQUILL.—Indian, dried and cut, may be had on spot at 80s. per cwt. Red is unobtainable.

STRAMONIUM LEAVES.—In rather restricted supply. Indian, spot, 105s. per cwt., ex store.

STROPHANTHUS.—100 per cent. Kombé seed is not plentiful on spot; price would be 10s. 6d. to 11s. per lb., according to quantity. 80 per cent. seed is available at a lower price.

TRAGACANTH.—In fair demand; prices unchanged. No. 1, white, £137; No. 2, white, £120; No. 3, white, £107; No. 4, white, £92; pale leaf, £80; amber leaf, £70; red and brown leaf, £47; red leaf, from £42; woody and hoggy, from £18, ex store.

TURMERIC.—Sound-quality Madras finger, on spot, 67s. 6d. per cwt.; wormy, 65s.; ground, 95s.

VALERIAN ROOT.—Indian, spot, 100s. to 105s. per cwt., according to quantity and seller.

WAXES.—Quiet and unchanged. **BEES'.**—Unquoted. **CARNAUBA.**—Fatty grey, 510s. per cwt.; chalky grey, 500s.; Primeira, 585s.

Essential and Expressed Oils

ANISE (STAR).—Supplies of genuine Red Ship are no easier to find. Prices are unchanged at about 54s. per lb. for drums and 54s. to 55s. for tins in cases.

BAY.—In small compass on spot at from 12s. to 13s. per lb., according to quantity.

BERGAMOT.—The basic value of any genuine oil would be in the region of 100s. per lb., but business, owing to restricted supplies, would be a matter for negotiation.

BOIS DE ROSE.—Spot supplies would be worth about 35s. per lb.

CAJUPUT.—Firm on spot at from 15s. to 16s. per lb., according to quantity.

CAMPHOR (WHITE).—It may be possible to find odd drums on spot at between 500s. and 550s. per cwt., duty paid.

CANANGA.—Spot supplies are restricted. Price would be about 60s. to 70s. per lb., according to quantity.

CEDARWOOD.—Spot, nominal at 6s. 6d. per lb.

CINNAMON LEAF.—Any available spot supplies would be worth about 15s. per lb.

CITRONELLA.—Ceylon, spot, between 17s. and 18s. per lb.; Java, about 24s. per lb.

CLOVE.—As noted last week, English distillers' prices are now lower at about 14s. to 14s. 6d. per lb., with corresponding reductions in **EUGENOL** and **ISOEUGENOL** at 22s. 6d. and 27s. 6d. per lb., respectively.

EUCALYPTUS.—In restricted supply at about 5s. 6d. per lb. on spot.

FENNEL.—Sweet, spot, about 35s. per lb.

GERANIUM.—About 80s. per lb. would be the basic price of any available supplies, but business would have to be negotiated.

GINGERGRASS.—Spot supplies are available at around 25s. per lb.

PALMAROSA.—In small compass on spot at about 35s. per lb.

PATCHOULI.—Spot, nominal at 70s. per lb.

PENNYROYAL.—Good-quality oil on spot would be worth about 35s. per lb.

PEPPERMINT.—Supplies of Chinese on spot are extremely difficult to find; the price, if available, would be in the region of 85s. per lb.

PETITGRAIN.—About 24s. to 25s. per lb. would be the price of any available spot supplies.

ROSEMARY.—Spot, approximately 16s. per lb.

SPIKE.—About 25s. per lb. would be the present spot value.

THYME.—High-quality oil would be worth around 25s. per lb.; other grades would be cheaper.

CORRESPONDENCE

Correspondents may adopt an assumed name but must in all cases furnish their real name and address to the Editor

Civil Defence Training for Chemists

SIR,—As a result of the depletion of Civil Defence personnel an adequate first-aid service is becoming jeopardised. These circumstances present pharmacists with an opportunity of serving their country . . . It has always been difficult for pharmacists to decide to take up training in the ordinary first-aid organisations without running the risk of meeting their clients who have traditionally regarded the pharmacist as already trained in this work. Added to this has been the reluctance on the part of executives of first-aid organisations to extend to the pharmacist more than a meagre recognition of his status. It is now felt that pharmacists can give a real contribution towards the war effort by training themselves to be of service in the event of a national emergency. The standard of training which it is desired to reach in all subjects (first-aid, nursing, hygiene and sanitation, gas detection) should also be of real value to every pharmacist in retail business, and it is to be hoped that the examinations and certificates of proficiency issued will also meet the requirements of the War Office should the pharmacist later join H.M. Forces. Plans now made will make it possible for pharmacists to take this training in their own locality. The time required for training should not exceed two evenings a week with a Sunday afternoon parade probably not more than once a month. In the interim will those pharmacists who wish to join the corps please send in their names? A meeting will be called shortly, when full details will then be given. This appeal to pharmacists to come forward and offer their services is made in the hope that there will be every effort made to contribute a worthy share in our fight against the Fascist enemies. For the further information of those interested it should be added that both men and women pharmacists are wanted, and that, subject to certain conditions which may be made later on, pharmacy personnel not qualified are also cordially invited.

Yours faithfully,

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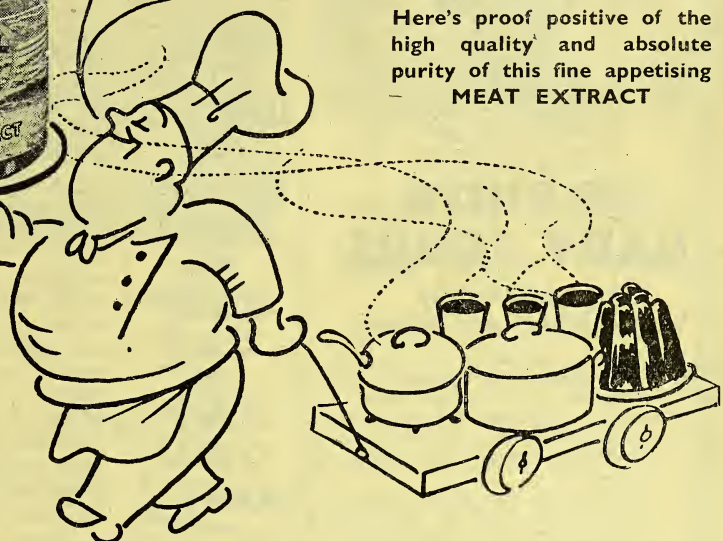
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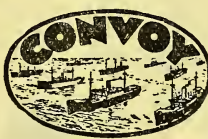
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NOTE.—We can still supply display material on request. If your present show is really worn out put it with your other salvage and please write us for new ones.

We have a limited supply of
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At all costs Britain must have cod liver oil. Despite the great risks at sea, our sailors and trawlermen are making magnificent effort to meet the national demand—bringing home supplies of cod liver oil which are going to keep the nation fit in the days ahead.

The other half of the job is *yours*—to see that your stocks of SevenSeaS are adequate for your future needs. Order your SevenSeaS *now*—and in your own interest continue to order well in advance of your actual needs. Make sure that you do not risk being out of stock through any difficulties—seen or unforeseen.

Issued by
British Cod Liver Oil Producers (Hull)
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The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

"PITOXYLIN" PITUITARY EXTRACT (POSTERIOR LOBE)

Prepared and standardised in accordance with the provisions of the Therapeutic Substances Act. Used for the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

An approved and long established preparation.

Ampoules: 5, 10 and 20 International Units per c.c.

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Price List on request.

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Acriflavine-Boots

Ammoket (Elixir of Ammonium Mandelate)

Bismostab (Injection of Bismuth B.P.)

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in Isotonic Glucose)

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Ferosan (Ferrous Sulphate Compound Tablets)

Hepastab (Intramuscular Liver Extract)

Hexanastab (Soluble Hexobarbitone)

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*Enquiries should be addressed to:***WHOLESALE AND EXPORT DEPARTMENT****BOOTS PURE DRUG CO. LTD NOTTINGHAM ENGLAND**

Telephone : Nottingham 45501

Telegrams : Drug, Nottingham

B 637-565

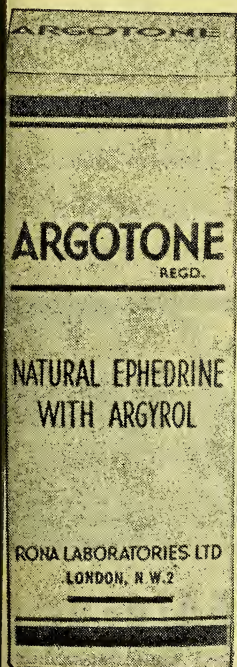
**ELVESOL
OINTMENT****ELVESOL LABORATORIES, WHITEFIELD, Nr. MANCHESTER***for* **DERMATITIS
AND OTHER SKIN DISORDERS**Big Sales are assured for this remarkable
ointment. Retail at 1/8 per tube.
Excellent profits.**MILLAMALT***The* **TONIC
MALT FOOD***Sole Manufacturers,*
JEFFREYS MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road, N.**ELMBALM
OINTMENT****ALL****ELMBALM Anti-Acid Herbs****ELMBALM Pure Blood Tablets****ELMBALM Indigestion Tablets****ELMBALM Bronchial Wafers***Write for Bonus Terms to:-***ELMBALM PHARMACEUTICAL SPECIALITIES CO., Knott-End-on-Sea, LANCS.**

BE 42

ARGOTONE

REGD.

Natural Ephedrine with ARGYROL
for NASAL and EYE AFFECTIONS
and their Complications



Acute Rhinitis
Chronic Rhinitis
Catarrh
Sinusitis
Asthma
Hay Fever
Conjunctivitis

Retail Price **3/7** Including Purchase Tax

RONA Laboratories Ltd. 99 Oaklands Rd.
LONDON, N.W.2

Gladstone 5557



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Announcement

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HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR
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We have now joined Chemists Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

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HERE'S THE EXTRA *nourishment war* *workers need...*

Prepared in specially assimilable form and available in adequate supply, Jenner's offers a fine malted and sweetened food proved invaluable for over 50 years for tired workers, invalid digestions, old people, nursing mothers and infants.



JENNER'S Malted food

	Retail Trade
Malt and	small size 1/6 14/4 per doz.
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ASTHMA

*sufferers are always
grateful if you
recommend —*

DR SINGHA ASTHMA TABLETS

The Original and still the Best Remedy for
ASTHMA, BRONCHIAL ASTHMA
AND BREATHING DIFFICULTIES
P.A.T.A. Terms from all Wholesale Houses
Prices: 1/8½, 5/7½, 13/5
(Including Tax)

THE DR. SINGHA CO., LTD
Caernarvon, North Wales

INTERNATIONAL CHEM. CO. LD.

REVISED CONTENTS OF STANDARD PARCELS

To meet the convenience of retailers, and in view of the discontinuance of 7d. 'Bisurated' Magnesia Tablets (in conformity with the Packaging Control Order) we have modified some of our original assortments.

AS FROM SEPTEMBER 1st, 1942, we can only supply our four well-known lines in the following pre-packed parcels.

The minimum for a direct order remains at £5, which can be made up by parcel 'A'; or by any two of parcels 'B' to 'L'; or by any one of 'B' to 'L,' plus a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin. Toilet lines may also be included to the value of your quota.

Co-operation allowances: On orders of £5....7½% £10....10%

A	1 doz. 1/5 Bismag Powder	12 0
	½ " 2/10 "	12 0
	2 " 1/5 " Tablets	1 4 0
	1 " 2/10 " "	1 4 0
	1 " 1/9 Pineate Honey Cough-Syrup	13 9
	1 " 2/3 Limestone Phosphate	18 0
	1 " 1/5 Freezone Corn Remover	1 3
		<u>£5 15 0</u>
	Purchase Tax on all goods and on bonus	1 1 1
		<u>£6 16 1</u>

B	3 doz. 1/5 Bismag Powder	1 16 0
	1 " 2/10 " "	1 4 0
		<u>£3 0 0</u>
	Purchase tax on above and on bonus	11 8
		<u>£3 11 8</u>

C	3 doz. 1/5 Bismag Tablets	1 16 0
	1 " 2/10 " "	1 4 0
		<u>£3 0 0</u>
	Purchase Tax on above and on bonus	11 8
		<u>£3 11 8</u>

D	1 doz. 1/5 Bismag Powder	12 0
	2 " 1/5 " Tablets	1 4 0
	1 " 2/10 " "	1 4 0
		<u>£3 0 0</u>
	Purchase Tax on above and on bonus	11 8
		<u>£3 11 8</u>

E	1 doz. 1/5 Bismag Powder	12 0
	½ " 2/10 "	12 0
	2 " 1/5 " Tablets	1 4 0
	½ " 2/10 " "	12 0
		<u>£3 0 0</u>
	Purchase Tax on above and on bonus	11 8
		<u>£3 11 8</u>

F	1 doz. 2/10 Bismag Powder	1 4 0
	1½ " 2/10 " Tablets	1 16 0
		<u>£3 0 0</u>
	Purchase Tax on above and on bonus	11 8
		<u>£3 11 8</u>

G	1½ doz. 1/5 Bismag Powder	18 0
	3 " 1/5 " Tablets	1 16 0
		<u>£2 14 0</u>
	Purchase Tax on above and on bonus	10 6
		<u>£3 4 6</u>

J	2 doz. 1/5 Freezone Corn Remover	1 2 6
	1 " 2/3 Limestone Phosphate	18 0
	1 " 1/9 Pineate Honey Cough-Syrup	13 9
		<u>£2 14 3</u>
	Purchase Tax	9 0
		<u>£3 3 3</u>

K	4 doz. 1/9 Pineate Honey Cough-Syrup	2 15 0
	Purchase Tax	9 2
		<u>£3 4 2</u>

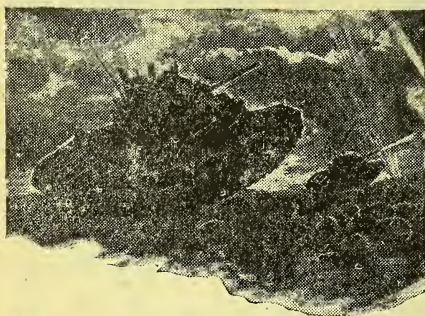
L	6 doz. 1/5 Freezone Corn Remover	3 7 6
	Purchase Tax	11 3
		<u>£3 18 9</u>

Above consumer prices include Purchase Tax

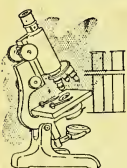
BONUS TERMS—14 to the Dozen on 'Bisurated' Magnesia Powder and Tablets in return for 14 days' window display. 'Bisurated' Magnesia Powder—Bonus in Mint Powder 'Bisurated' Magnesia Tablets—Bonus in Tablets.

All goods sent Carriage Paid in returnable boxes.

BRAYDON ROAD LONDON N16



Armoured . . .



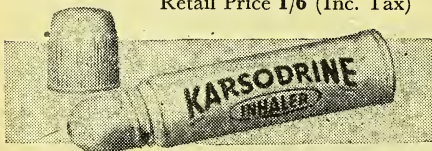
The Battalions of to-day fight behind defensive armour. The armoured car has replaced the cavalry horse and infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—is

increasingly lowering the general morbidity and mortality.

Decongestion of the turgid nasal mucosa in acute and chronic rhinitis; hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximal shrinkage with corresponding symptomatic relief is obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one cap to remove, the Karsodrine Inhaler is pre-eminently simple to use.

Retail Price 1/6 (Inc. Tax)



FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 3/2d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

E. GRIFFITHS HUGHES
LIMITED



A PRODUCT OF **E. G. LABORATORIES**

ADELPHI, SALFORD 3
MANCHESTER

CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with quickly and economically without unpleasant evidence of treatment.

An approved formula now being used extensively by Public Health Authorities.

Semprolia INSECTICIDE

for the Control of Nits and Head Lice



**SEMPROLIA IS IN URGENT AND
RAPIDLY INCREASING DEMAND.**

Retail (2-oz.) 1/-, List 8/- doz.

Packed in 2-dozen outers.

STEMCO LTD., 128, Albert Street, London, N.W.1

THE BIG WINNER



PROPAX

BRAND
PAIN RELIEVING TABLETS

TRADE TERMS (P.A.T.A.)

Retail	Wholesale
6½d. inc. P.T.	4/5 doz. (packed in 3 doz. display outer)
1/5 " "	11/3 " " " " " "
2/6 " "	19/3 " " " " " "

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and 7c Lower Belgrave Street, London, S.W.1

*For the best
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**MODERN
PHARMACY**

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

CURIOSITIES OF ANCIENT PHARMACY

No. 15

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In 1589 the London College of Physicians appointed ten committees to compile the London Pharmacopœia. Twenty-nine years passed before the first edition appeared, and then it was full of errors owing to the haste in which it was rushed through by the printers!

T.R.

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ARE NOW UNIVERSALLY RECOGNISED AS THE STANDARD OF EFFICIENCY



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15 YEARS OF UNPRECEDENTED SUCCESS HAVE FIRMLY ESTABLISHED
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Equal to every test-

The achievement of the highest standard of purity, reliability and efficacy is obtained only by the most careful supervision throughout the process of manufacture. To this scientific control the fame of Beecham's Pills, Beecham's Powders and Beecham's Lung Syrup may justly be ascribed—thereby setting the seal upon the intrinsic worth of these famous home medicines.



Beecham's Pills Beecham's Powders Beecham's Lung Syrup

BEECHAM'S PILLS, LTD., ST. HELENS, LANC



The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

OCTOBER 3
1942

28, ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than WEDNESDAY week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week

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16/6 per doz. + 66 $\frac{2}{3}$ % tax.
Retail 2/11 per 1 oz. box.

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These powders are available in seven shades:

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Also Available.— $\frac{1}{2}$ -lb. Containers for Talcum Powder. Smart design. 50/- per gross. Minimum order, 6 doz. Slumber Helmets, 72/- per gross + 33 $\frac{1}{3}$ % tax. All shades.

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15/4 per gross carriage paid

Packed in units of 6 dozen and 1 gross

Special quotations for quantity buyers

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Eau-de-Cologne	16/- lb.
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Sample Ounce, 2/- post free

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OFFERED

Best French Chalk; Best White Talc; Zinc Oxide, B.P., and Stearate; Finest Plaster of Paris; Creta Praecip. and Prep. Pot. and Sod. Bromide; Diethanolamine; Kaolin, B.P., opt.; Gum Trag. and Karaya; Finest White Powder; Waxes; Beeswax and White Emulsifiable substitute; Ceresine; Spermaceti; Paraffin; Soft Paraffin, Yellow; Freeration Cleanser (washing clothes without soap); Soap, Flakes and Powder; Green Soft (Hairdressers'); White Block and Powder Stearic; Special quantity prices. Large supplies. Your wants solicited.

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PRECIPITATED CHALK	SPERMACETI B.P.
CONCENTRATED PERFUME COM- POUNDS, Etc., Etc.	OILS AND WAXES
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ROUGE BLOCK OFFER (from stock again). Colour, Mould (12 \times 1 $\frac{1}{2}$ in.), sufficient Excipient, Formula and instructions to make 16 doz., £2; 32 doz., £2 11s. C.W.O. or C.O.D. All Cosmetic Colours in Stock.

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1a Queen's Parade, Muswell Hill, N.10

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Straw-coloured Mineral Oil, 8/6 per gall., in 42-gall. drums; carriage paid. Finest White Distilled Stearine, 2/- per lb., in 56-lb. lots. Beeswax also in stock. Lennard, Lee-Marvill & Co., 140 Coltman Street, Hull.

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Attractive Design. Write for sample. Immediate delivery. Price 72/- per gross, plus Purchase Tax. Quota Free. 413/215 London Office of this Paper.

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Any quantity undertaken
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7/6 for 40 words or less, 2d. for every additional word.

Employment of Women (Control of Engagement) Order 1942

With certain exceptions, women over 18 and under 3 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour or National Service or an approved employment agency.

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DISPENSER-SECRETARY required at once South-west town. Partnership practice. Drs. Unwin & Mitchell, Kingston House, Yeovil.

DRUG DEPARTMENT. Experienced Counter Assistants required, male or female. Apply Staff Manager, Welwyn Stores (1929), Ltd., Welwyn Garden City, Herts.

LADY, experienced Dispenser and Counter for Wimbleton and Kiburn Pharmacies. 413/215 London Office of this Paper.

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UNQUALIFIED Assistant (male or female) required for Dispensing and Counter. Permanency. State age, experience, salary required, and when free, to Manager, Pharmacy Department Ipswich Industrial Co-operative Society, Ltd., 38 Carr Street, Ipswich.

WANTED keen businesslike qualified man for or West End business now under new ownership. Good terms for right man. 414/242, London Office of this Paper.

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OSTING Clerk required, male or female. Apply Harker, Stagg & Morgan, Ltd., Emmott Street, Mile End, London, E.1.

GRINDING and Pulverising Firm want to get in touch with experienced man, scientific and practical, with ideas for creating new uses for, and new means of grinding and pulverising, plastics, salts, minerals, fertilisers, etc. 414/430, London Office of this Paper.

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MANUFACTURING Chemists, South of England, require Laboratory Assistant, chiefly for work in Essential Oil Department compounding Perfumes, Soaps and Cosmetics. Would entertain Dispenser either sex anxious to enter the Wholesale. Good prospects and permanency to applicants with ability. Good six-roomed House (three bedrooms) available for married applicant. State age, experience and salary required with photo (to be returned) 414/419, London Office of this Paper.

MEDICAL Representative (M.P.S. preferred), required by Northern Wholesale Manufacturing Chemists. Good education and technical experience essential. Territory, the six Northern Counties. Apply, stating salary required. No commission. 414/139, London Office of this Paper.

PERSONAL Assistant required by Chief Chemist to leading House manufacturing nationally advertised specialties and other pharmaceutical products (North-West England). Must be a competent analyst with suitable qualifications and be able to undertake experimental and research work. The post is progressive and offers scope to a loyal and energetic worker with ideas. Applicants should state salary required, references and liability for military service. 414/237, London Office of this Paper.

PROCESS Chemist required capable of supervising bulk production, keeping statistical records and controlling staff (male). Experience in powdering and blending, tablet making and ointment manufacture is essential, but while preference will be given to a qualified chemist, this is not indispensable. Applicants must be competent, thorough and tidy workers, and possess initiative. Apply in confidence giving details of present and past employment and salary required. CDB/1137, London Office of this Paper.

REPRESENTATIVES wanted for Multishave Safety Razor Blade Sharpeners and Siteman Patent Book Binders. These lines sell wherever razor blades or rationed goods are sold. Good profits, prompt deliveries. Send details, territory and commission. Multishave, Ltd., Fortress Grove, London, W.5.

REQUIRED. Representatives to sell excellent additional line on high commission basis. Gentlemen calling on Retail Chemists should write full particulars and area covered. 414/235, London Office of this Paper.

SMALL Firm of Manufacturing Chemists (Lancs) require Works Chemist, experienced in the manufacture of Pharmaceutical Products. Will be required to suggest and elaborate new formulae and advise on the production of Specialities. Excellent prospects. Full particulars, age, qualifications. 414/231, London Office of this Paper.

SURGICAL Truss and Belt Fitter required for West-end establishment. Exempt military service. Write stating experience and salary required to 414/232, London Office of this Paper.

TRAVELLER with good standing wanted to sell Raw Material on Commission in Midlands area. Big existing connexion handed over; ground worth minimum £15 per week; more to live wire. 414/224, London Office of this Paper.

WANTED. Chemist with special knowledge of Cosmetics. Start as soon as possible. Apply stating experience, salary expected, to 414/228, London Office of this Paper.

YORKSHIRE Firm of Manufacturing Chemists requires Representative to cover Derby, Stoke-on-Trent area. Must be first-class Salesman and have connexion with Retail Chemists. Good remuneration and prospects. CDB/1135, London Office of this Paper.

YORKSHIRE Firm of Manufacturing Chemists requires first-class Representative to contact Wholesale Chemists throughout the Southern and Eastern Counties. Must be able to handle substantial turnover and nationally-advertised product. CDB/1138, London Office of this Paper.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

M.P.S. (52), afternoons free, North London preferred, as Superintendent, etc. Phone, Streatham 5631. Flat 55, Streteleigh Court, Streatham, S.W.16.

UNQUALIFIED, exempt army, 48, Counter, Dispensing and Photographic. Chant, 51 Grosvenor Place, Margate.

UNQUALIFIED Assistant, exempt service, desires change; West End. 414/236; London Office of this Paper.

WINDOW Dressing. Moderate charges for any kind of display by two experienced men. No crepe. London area only. Saturday afternoon or Sunday. 414/233, London Office of this Paper.

WHOLESALE

INDUSTRIAL Chemist, with organic Research and Manufacturing experience; able to provide new lines, alive to war necessities, offers collaboration. 414/226, London Office of this Paper.

OPPORTUNITY to secure the part-time services of a qualified Chemist. Widely experienced. Oils, Foodstuffs, Chemicals, Pharmaceuticals, Toilet preps., etc. Formulation, Manufacture, Research and Analysis. London area. 413/191, London Office of this Paper.

ROYAL MARINE Officer, age 25 years, recently invalided from Service, sound physical condition, very active and good appearance, with six years' Pharmaceutical and Medical experience, desires progressive position with Wholesale or Manufacturing House. Good connexion amongst Doctors and Chemists in Southern England. S.E.A., 17 Pewsey Place, Southampton.

STOCKTAKING. London and Home Counties. Fee £1 per £100, minimum £5. Experienced. Week-ends only (now in essential industry). 414/234, London Office of this Paper.

APPOINTMENTS

SURREY COUNTY COUNCIL

Public Health Department

ASSISTANT PHARMACIST (Temporary for duration of war) at Redhill County Hospital, Earlswood Common, Redhill, and Warren Road Hospital, Guildford. Salary grade for applicants holding M.P.S. or Ph.C. qualifications, £225×£10 to £275 p.a. plus war bonus. For unregistered dispensers the grade is £175×£10 to £225 plus war bonus. Commencing salary according to experience. Apply to Medical Superintendent.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

GUM Asafetida required, whole or powdered. Small or large lots, but not less than 14 lb. Particulars to: F. J. Carmichael, 83 Cannon Street, London, E.C.4. Phone: City 7419.

JOHN RICHARDSON & CO., LTD., require bound or unbound volume of *C. & D.*, with index—January to June 1939; also indexes for the whole of 1941. Reply to 62 Evington Valley Road, Leicester.

NAPHTHALENE as moth preventive required. Reply to CDB/1133, London Office of this Paper.

REQUIRED. Automatic Bottle-filling Machines. 414/238, London Office of this Paper.

STUDENT requires B.P. 1932; Pharmacognosy, by Greenish; Pharmacology, by Gaddum. Davis, 75 Dartmouth Road, Forest Hill, London, S.E.23.

TUBE GLASSES, wanted, lengths: 7-8-9 in., diam. 1½ in. with corks. CDB/1188, London Office of this Paper.

WANTED. Full and Half Strength Saccharin Tablets. Large quantities bought for cash or commission paid for genuine recommendations. G. H. Smith, 34 Greenfield Gardens, Cricklewood Lane, London, N.W.2. Phone No.: Gladstone 4116.

WANTED by England's largest photographic dealers. All Miniature Cameras, extra lenses and accessories, Roliflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED. Ointment Mill, reputable make, in good condition, handling batches of approximately 56 lb. Offers to 413/194, London Office of this Paper.

WANTED. one cast-iron Stand for a Coating-pan, complete with D.C. Motor. Box: 608, Smiths', 100 Fleet Street, E.C.4.

WANTED. Himrods Asthma Cure, Témple Pharmacy, Ltd., 22 Devereux Court, Essex Street, Strand, W.C.2.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

ACTIVE Agent with capital desires in London area representation from manufacturers, preferably on work of national importance. Box No. 334, Entrepreneurs, Limited, 7 Queen St., Cheapside, E.C.4.

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MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

BOTTLES and Jars available. 12 oz. Hexagon Jar, 25/- grs., 9½ oz. and 6 oz. Octagon Pickle Jar, 25/- and 24/- grs.; 8 oz. and 4 oz. Plain Jar, 22/- and 22/- grs.; 16 oz. and 8 oz. Heart-shaped Jar, Cream Jar, 37/- and 31/- grs.; 24 oz. Fluted Jar, Salts Jar, 72/- grs. 20 oz. Water Bottle, 72/- grs. Above fitted with plain corks. 24 oz. Emulsion Bottle, 40/- grs.; 20 oz. Fluted Medical, 38/- grs. 10 oz. Fluted Medical, 30/- grs.; 1½ oz. Round Flat Whisky Bottle, 22/- and 23/- grs.; 6 oz. Square Sauce Bottle, 24/- grs. Above Bottles supplied with Composition Corks. We also have various other bottles available. When inquiring state exact type of sample required. Lennard, Lee-Navy & Co., 140 Coltman Street, Hull.

BRUSHLESS Shaving Cream, in original 12-oz. containers. Prices, including tax, 12 lb., 48s.; 24 lb. for 88s.; 45 lb. for 160s. All carriage paid. Cash with order. Sample jar, 6d. stamp. F. Rawstron, M.P.S., 315/317 Burnley Road, Waterfoot, Lancs.

CONCENTRATED Perfumery Oils, Jasmín, Violet or Bouquet, 22s. per 2-oz. bottle. Superf Silk Sifted Kaolin B.P., 10 lb. for 10s. 6d. Superf Fullers Earth Powder, 25 lb. for 25s. Creta Gall original bags of approx. 80 lb., 35s. each. Snow White Cetaceum B.P.C., 7 lb. for 20s. Genuine Beeswax Half White, 6s. lb. All Carriage Paid. Cash with order. F. Rawstron, M.P.S., 315/317 Burnley Road, Waterfoot, Lancs.

LIPSTICKS and Face Powders. We are again in position to offer limited supplies of register brands. Inquiries invited. M. Walker Ltd., 1 High Road, Wembley.

200 GROSS 2 oz. dark brown Cream Bottles with coloured metal screw caps, washed and cleaned, guaranteed as new, for sale to Wholes Cosmetics Manufacturers. 72s. per gross, ex Manchester. Box J 2512, c/o W. H. Smith & Son, Ltd Manchester, 3.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

REPRESENTATIVES wanted for Midland Northern Counties, also Scotland by special laboratories. High commission basis. Only gentlemen who are well introduced amongst chemists please apply to 414/239, London Office of this Paper.

SELLING organisation throughout Kent, Surrey, Sussex, Hants, Dorset and Wilts open. Manufacturers not already represented and willing to grant sole agencies on a commission basis. BM/CMDF, London, W.C.1.

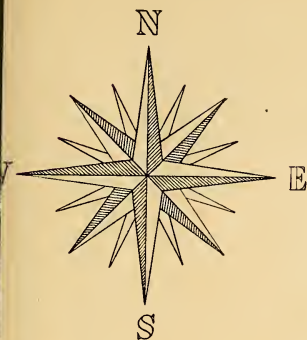
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A CHEMIST, now a Drug Stores, wishes to sell All Drugs, etc. 414/229, London Office of this Paper.

A NALYTICAL Balance, Sartorius 200 gramm sensitive to 1/10th milligram, accurate, sound condition, little used, £20. Also Becker Balance 200 gm. to 1 mg., glass case, drawer, £8 10s.; in condition. Details. Chemist, 105 Buckland Way, Worcester Park, Surrey.

1 CWT. Hard Stearin, 10 gall. Oleic Acid, 28 lb. Hartolan Wax, 10 lb. Triethanolamine, 4 lb. Krystal envelopes 4½" x 3". Offers invited. CDB/1140, London Office of this Paper.



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